

**Test Bank for Developmental Mathematics through
Applications 1st Edition by Akst Bragg ISBN 0321826043
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Solution Manual:

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MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Underline the digit that occupies the given place.

1) 775 Tens place 1) _____
A) 775 B) 775 C) 775 D) None of these
- - -

2) 929 Hundreds place 2) _____
A) 929 B) 929 C) 929 D) None of these
- - -

3) 5,975 Hundreds place 3) _____
A) 5,975 B) 5,975 C) 5,975 D) 5,975
- - - -

4) 4,226 Thousands place 4) _____
A) 4,226 B) 4,226 C) 4,226 D) 4,226
- - - -

5) 44,998 Hundreds place 5) _____
A) 44,998 B) 44,998 C) 44,998 D) 44,998
- - - -

6) 178,921 Ten thousands place 6) _____
A) 178,921 B) 178,921 C) 178,921 D) 178,921
- - - -

7) 68,487,971 Millions place 7) _____
A) 68,487,971 B) 68,487,971 C) 68,487,971 D) 68,487,971
- - - -

8) 91,731,111 Hundred thousands place 8) _____
A) 91,731,111 B) 91,731,111 C) 91,731,111 D) 91,731,111
- - - -

9) 174,211 Hundred thousands place 9) _____
A) 174,211 B) 174,211 C) 174,211 D) 174,211
- - - -

10) 3,213,866 Thousands place 10) _____
A) 3,213,866 B) 3,213,866 C) 3,213,866 D) 3,213,866
- - - -

Identify the place occupied by the underlined digit.

11) 45,631 11) _____
A) Thousands B) Tens C) Hundreds D) Ten thousands

12) 48,389 12) _____
A) Tens B) Thousands C) Ten thousands D) Hundreds

13) 36,793

A) Hundreds

B) Ten thousands

C) Thousands

D) Tens

13) _____

14) 647,824

A) Tens

B) Thousands

C) Hundreds

D) Ten thousands

14) _____

15) $\underline{\quad}$ 838,145 15) _____
A) Ten thousands B) Hundred thousands
C) Tens D) Thousands

16) $\underline{\quad}$ 2,838, 179 16) _____
A) Thousands B) Millions C) Tens D) Ten thousands

17) $\underline{\quad}$ 6,181,837 17) _____
A) Millions B) Tens
C) Thousands D) Hundred thousands

18) $\underline{\quad}$ 88,568,154 18) _____
A) Millions B) Ten millions
C) Hundred thousands D) Thousands

19) $\underline{\quad}$ 59,999,999 19) _____
A) Hundred thousands B) Ten millions
C) Ten thousands D) Thousands

20) $\underline{\quad}$ 47,777,777 20) _____
A) Hundred thousands B) Thousands
C) Millions D) Ten millions

Insert commas as needed.

21) 566795 21) _____
A) 5,667,95 B) 566,795 C) 5667,95 D) 566795

22) 2941735 22) _____
A) 2,941,735 B) 2,941735 C) 294,1735 D) 2941,735

23) 48565656 23) _____
A) 485,656,56 B) 4,856,565,6 C) 485,65,656 D) 48,565,656

24) 1969819486 24) _____
A) 1,96981,9486 B) 1969,819,486 C) 196,981,948,6 D) 1,969,819,486

25) 1561516 25) _____
A) 1,561,516 B) 156,1516 C) 1561,516 D) 1,561516

26) 23488432

A) 234,884,32

B) 23,488,432

C) 234,88,432

D) 2,348,843,2

26) _____

27) 1999999911

A) 1999,999,911

B) 199,999,991,1

C) 1,999,999,911

D) 19,99,999,911

27) _____

Write the number in words.

- 28) 135,060 28) _____
A) Thirteen thousand, five hundred sixty B) Thirteen thousand, five hundred six
C) One hundred thirty-five thousand, sixty D) One million, thirty-five thousand, sixty

- 29) 9,300,695 29) _____
A) Nine million, three thousand, six hundred ninety-five
B) Nine million, thirty thousand, six hundred ninety-five
C) Ninety-three thousand, six hundred ninety-five
D) Nine million, three hundred thousand, six hundred ninety-five

- 30) 22,000,674 30) _____
A) Twenty-two million, six hundred seventy-four
B) Two million, two thousand, six hundred seventy-four
C) Twenty-two hundred million, six hundred seventy-four
D) Twenty-two million, six thousand seventy-four

- 31) 64,568,009 31) _____
A) Sixty-four million, five hundred sixty-eight thousand, nine
B) Sixty-four million, five hundred thousand, sixty-eight hundred, nine
C) Sixty-million, five thousand sixty-eight hundred, nine
D) Sixty million, forty-five thousand, sixty-eight hundred and nine

- 32) 235,060 32) _____
A) Two hundred thirty-five thousand, sixty
B) Two million, thirty-five thousand, sixty
C) Twenty-three thousand, five hundred six
D) Twenty-three thousand, five hundred sixty

- 33) 4,200,091 33) _____
A) Four million, two hundred thousand, ninety-one
B) Four million, twenty thousand, ninety-one
C) Forty-two thousand, ninety-one
D) Four million, two hundred ninety-one

- 34) 5,168 34) _____
A) Five hundred thousand, one hundred sixty-eight
B) Five thousand, one hundred sixty-eight
C) Fifty-one thousand, sixty-eight
D) Five million, one thousand, sixty-eight

- 35) 3,072 35) _____
A) Three hundred thousand, seventy-two B) Three million, seventy-two
C) Three thousand, seventy-two D) Thirty thousand, seventy-two

36) 24,807

- A) Two hundred forty-eight thousand, seven
- B) Two thousand, four hundred eighty-seven
- C) Twenty-four thousand, eight hundred seven
- D) Two million, forty-eight thousand, seven

36) _____

- 37) 70,146
 A) Seven million, one thousand, forty-six
 B) Seven thousand, one hundred forty-six
 C) Seventy thousand, one hundred forty-six
 D) Seven hundred one thousand, forty-six

37) _____

Write the number in standard form.

- 38) Eight thousand, one hundred sixty-seven
 A) 810,067 B) 800,167

- C) 8,167 D) 81,067

38) _____

- 39) Thirty-two thousand, nine hundred five
 A) 3,295 B) 32,950

- C) 32,905 D) 320,905

39) _____

- 40) Seven thousand, six
 A) 7,600 B) 7,006

- C) 76,000 D) 7,060

40) _____

- 41) Forty-eight thousand, seventeen
 A) 48,170 B) 4,817

- C) 48,017 D) 47,180

41) _____

- 42) Six hundred thirty-eight thousand, nine hundred ninety-seven
 A) 638,977 B) 638,997,000

- C) 638,000 D) 638,997

42) _____

- 43) Two hundred six thousand, one hundred seven
 A) 260,170 B) 2,617

- C) 206,107 D) 207,106

43) _____

- 44) One hundred million, six thousand
 A) 106,000,000 B) 1,006

- C) 1,600,000 D) 100,006,000

44) _____

- 45) Ten million, three hundred fifty-four thousand, two hundred three
 A) 10,354,203 B) 1,354,230

- C) 135,423 D) 1,354,203

45) _____

- 46) Twenty-three billion, one million, fifteen hundred thousand
 A) 23,150,000,000 B) 23,000,015,000

- C) 23,001,500,000 D) 23,015,000

46) _____

- 47) Thirty-three million, one hundred five thousand, one hundred
 A) 33,105,010 B) 33,015,100

- C) 33,150,001 D) 33,105, 100

47) _____

Write the number in expanded form.

- 48) 453
 A) 4 thousands + 5 hundreds + 3 tens = 4000 + 500 + 30
 B) 3 hundreds + 5 tens + 4 ones = 300 + 50 + 4

C) 4
 5
 3
 h

undreds = 453

D) 4 hundreds + 5 tens + 3 ones = 400 + 50 + 3

48) _____

49) 3267

A) 3 thousands + 2 hundreds + 6 tens + 7 ones = 3000 + 200 + 60 + 7

B) 3267 thousands = 3267

C) 7 thousands + 6 hundreds + 2 tens + 3 ones = 7000 + 600 + 20 + 3

D) 3 hundreds + 6 tens + 2 ones = 300 + 60 + 2

49) _____

50) 92,745 50) _____
 A) 9 ten thousands + 2 thousands + 7 hundreds + 4 tens + 5 ones = 90,000 + 2000 + 700 + 40 + 5
 B) 9 thousands + 2 hundreds + 7 tens + 45 ones = 9000 + 200 + 70 + 45
 C) 5 ten thousands + 4 thousands + 7 hundreds + 2 tens + 9 ones = 50,000 + 4000 + 700 + 20 + 9
 D) 92,745 ten thousands = 92,745

51) 60,700 51) _____
 A) 670 ten thousands = 60,700
 B) 6 thousands + 7 hundreds = 6000 + 700
 C) 6 ten thousands + 7 thousands = 60,000 + 7000
 D) 6 ten thousands + 7 hundreds = 60,000 + 700

52) 7090 52) _____
 A) 7 hundreds + 9 ones = 700 + 9
 B) 7 ten thousands + 9 thousands = 70,000 + 9000
 C) 7 thousands + 9 tens = 7000 + 90
 D) 709 thousands = 709,000

53) 30,980 53) _____
 A) 3 ten thousands + 9 thousands + 8 tens = 30,000 + 9000 + 80
 B) 3 thousands + 9 tens + 8 ones = 3000 + 90 + 8
 C) 3 ten thousands + 9 hundreds + 8 tens = 30,000 + 900 + 80
 D) 3 thousands + 9 hundreds + 8 ones = 3000 + 900 + 8

54) 3,977, 366 54) _____
 A) 3 hundred thousands + 9 ten thousands + 7 thousands + 7 hundreds + 3 tens + 6 ones + 6 =
 300,000 + 90,000 + 7000 + 700 + 30 + 6 + 6
 B) 3 millions + 9 hundred thousands + 7 ten thousands + 7 thousands + 3 hundreds + 6 tens + 6
 ones =
 3,000,000 + 900,000 + 70,000 + 7000 + 300 + 60 + 6
 C) 6 millions + 6 hundred thousands + 3 ten thousands + 7 thousands + 7 hundreds + 9 tens + 3
 ones =
 7,000,000 + 600,000 + 30,000 + 7000 + 700 + 90 + 3
 D) 3 millions + 9 hundred thousands + 7 ten thousands + 7 thousands + 3 tens + 6 ones + 6 =
 3,000,000 + 900,000 + 70,000 + 7000 + 30 + 6 + 6

Round to the indicated place.

55) 9199 to the nearest ten 55) _____
 A) 9210 B) 9190 C) 9200 D) 9300

56) 68,405 to the nearest ten 56) _____
 A) 68,410 B) 68,510 C) 68,400 D) 68,420

57) 7577 to the nearest hundred 57) _____
 A) 7600 B) 7590 C) 7500 D) 7700

58) 89,036 to the nearest hundred

A) 89,100

B) 89,010

C) 89,000

D) 88,900

58) _____

- 59) 47,158 to the nearest thousand _____
 A) 48,000 B) 47,100 C) 57,000 D) 47,000
- 60) 716 to the nearest thousand _____
 A) 100,000 B) 10,000 C) 1,000 D) 100
- 61) 685,123 to the nearest ten thousand _____
 A) 680,000 B) 690,000 C) 700,000 D) 685,000
- 62) 39,772,218 to the nearest million _____
 A) 40,000,000 B) 39,000,000 C) 39,772,000 D) 39,800,000
- 63) 268 to the nearest hundred _____
 A) 270 B) 200 C) 260 D) 300
- 64) 63,666 to the nearest ten thousand _____
 A) 70,000 B) 60,000 C) 63,660 D) 6

Write the number in words.

- 65) A company had net revenues of \$7,900,235 in one year. _____
 A) Seven million, nine thousand, two hundred, thirty-five
 B) Seven million, nine hundred thousand, two hundred, thirty-five
 C) Seven million, ninety thousand, two hundred, thirty-five
 D) Seven million, nine hundred thousand, two thousand, thirty-five
- 66) While working as a stockbroker, Francois sold securities worth \$6,400,900 last year. _____
 A) Six million, four thousand, nine dollars
 B) Six million, four hundred thousand, nine dollars
 C) Six million, four hundred thousand, nine hundred dollars
 D) Six million, four thousand, nine hundred dollars
- 67) A country has an area of approximately 3,400,700 square miles. _____
 A) Three million, four thousand, seven hundred
 B) Three million, four thousand, seven
 C) Three million, four hundred thousand, seven hundred
 D) Three million, four hundred thousand, seven
- 68) A recent census confirmed that the population of a major city is 6,500,006. _____
 A) Six million, five hundred thousand, six B) Six million, five thousand, six
 C) Six million, five thousand, six hundred D) Six million, five hundred thousand, sixty

69) A large cooperation earned approximately \$1,400,000,000.

- A) One billion, four million dollars
- B) One million, four thousand dollars
- C) One billion, four hundred million dollars
- D) One billion, four hundred thousand dollars

69) _____

- 70) An expensive telescope has found evidence that the universe contains about 124,900,000,000 galaxies. 70) _____
- A) One hundred twenty-four million, nine thousand
 - B) One hundred twenty-four billion, nine million dollars
 - C) One hundred twenty-four billion, nine hundred thousand
 - D) One hundred twenty-four billion, nine hundred million

- 71) A mutual fund purchased a large block of stock valued at \$4,700,900. 71) _____
- A) Four million, seven hundred thousand, nine hundred
 - B) Four million, seven thousand, nine hundred
 - C) Four million, seven hundred thousand, nine
 - D) Four million, seven thousand, nine

- 72) A planet orbits its sun at a distance of about 92,967,000 miles. 72) _____
- A) Ninety-two million, nine hundred sixty-seven miles
 - B) Ninety-two million, nine hundred sixty-seven thousand miles
 - C) Ninety-two billion, nine hundred sixty-seven million miles
 - D) Ninety-two billion, nine hundred sixty-seven thousand miles

Write the number in standard form.

- 73) The Johnsons have driven their car forty-two thousand, eight hundred five miles in the last few years. 73) _____
- A) 42,805
 - B) 420,805
 - C) 42,850
 - D) 4,285

- 74) A certain exotic sportscar costs three hundred twelve thousand, four hundred ninety-one dollars. 74) _____
- A) 3,204,910
 - B) 312,491,000
 - C) 31,241
 - D) 312,491

- 75) While traveling on business, Jerel flew sixty-nine thousand, seven hundred eight miles. 75) _____
- A) 69,0708
 - B) 69,708
 - C) 609,0708
 - D) 609,7008

- 76) When the stock market went down, Ellen lost one million, two thousand, seventy-six dollars. 76) _____
- A) \$1,002,076
 - B) \$1,200,760
 - C) \$1,020,076
 - D) \$1,200,076

- 77) Last week Tom purchased a used car that had been driven eighty-one thousand, two hundred fifty-one miles. 77) _____
- A) 18, 251
 - B) 810,251
 - C) 81,521
 - D) 81,251

- 78) An ocean covers approximately three million, five hundred sixty-eight thousand, seven hundred square miles. 78) _____
- A) 3,568,007
 - B) 3,568, 070
 - C) 3,568,700
 - D) 3,000,568,700

- 79) The world-wide production of cereal grains has reached about one billion, nine hundred sixty-two million, _____

four hundred six thousand, two hundred tons.

A) 1,962,460,200

B) 1,962,406,200

C) 1,962,406,020

D) 1,962,6046,200

79) _____

80) A major league baseball team is expecting attendance of one hundred fifty-two thousand, six hundred nine for a four game series.

A) 152,690

B) 152,609

C) 152,069

D) 512,609

80) _____

0) + 120

A) 4227

B) 5307

C) 4127

D) 4217

90) _____

- 90,325
91) + 231 91) _____
- A) 92,635 B) 90,456 C) 90,556 D) 90,566
- 50,769
92) + 4627 92) _____
- A) 55,396 B) 54,396 C) 55,596 D) 97,039
- 32,871
93) + 79,551 93) _____
- A) 112,422 B) 111,322 C) 111,422 D) 122,422
- 11,858
94) + 64,450 94) _____
- A) 76,298 B) 76,308 C) 656,358 D) 96,408
- 95) 31,131 + 23,253 95) _____
- A) 63,384 B) 54,384 C) 54,654 D) 54,656
- 96) 837 + 30,336 96) _____
- A) 30,173 B) 38,706 C) 32,603 D) 31,173
- 97) 1327 + 5944 97) _____
- A) 7171 B) 7261 C) 7271 D) 6271
- 98) 71,068 + 83,516 98) _____
- A) 164,584 B) 144,584 C) 149,585 D) 154,584
- 99) 2848 + 326 + 4 99) _____
- A) 3163 B) 3178 C) 3188 D) 3278
- 100) 32,950 + 88,771 + 4638 100) _____
- A) 124,354 B) 125,359 C) 161,359 D) 126,359
- 101) 578 + 50 + 3928 + 7 101) _____
- A) 4563 B) 4363 C) 4543 D) 4583
- 102) 8783 + 747 + 2 + 27 102) _____
- A) 8999 B) 9359 C) 9659 D) 9559
- 103) 89,591 + 58 + 1166 + 36,481 103) _____
- A) 137,296 B) 127,296 C) 127,196 D) 128,296

- 8030
3778
104) + 5683 104) _____
- A) 16,491 B) 17,491 C) 17,281 D) 17,470
- 38,263
8573
105) + 27,352 105) _____
- A) 73,188 B) 74,288 C) 74,188 D) 75,288
- 106) $900 + 20 + 1000$ 106) _____
A) 1920 B) 1910 C) 1930 D) 1820
- 107) $30,000 + 200 + 60$ 107) _____
A) 31,260 B) 29,260 C) 30,160 D) 30,260
- 108) 3855 meters + 7945 meters 108) _____
A) 11,700 meters B) 11,745 meters C) 11,800 meters D) 11,810 meters
- 109) 43 miles + 58 miles 109) _____
A) 91 miles B) 111 miles C) 201 miles D) 101 miles
- 110) 149 kilometers + 366 kilometers 110) _____
A) 615 kilometers B) 515 kilometers C) 525 kilometers D) 505 kilometers
- 111) 1550 square miles + 3907 square miles 111) _____
A) 5457 square miles B) 6457 square miles
C) 5557 square miles D) 5357 square miles
- 112) 54 hours + 26 hours + 91 hours 112) _____
A) 181 hours B) 161 hours C) 271 hours D) 171 hours
- 113) 2200 square meters + 100 square meters + 33 square meters 113) _____
A) 363 square meters B) 353 square meters
C) 2333 square meters D) 2243 square meters
- 114) $\$7700 + \$666 + \$33$ 114) _____
A) $\$776$ B) $\$1469$ C) $\$8399$ D) $\$8499$

Use estimation to determine which calculation is incorrect.

115)

115) _____

A)

$$\begin{array}{r} 8956 \\ 539 \\ + 4956 \\ \hline 14,351 \end{array}$$

B)

$$\begin{array}{r} 241 \\ 3667 \\ + 8956 \\ \hline 12,864 \end{array}$$

C)

$$\begin{array}{r} 8956 \\ 4823 \\ + 334 \\ \hline 14,113 \end{array}$$

D)

$$\begin{array}{r} 241 \\ 539 \\ + 4823 \\ \hline 5603 \end{array}$$

116)	<p>A)</p> $\begin{array}{r} 8543 \\ 733 \\ + 4344 \\ \hline 13,620 \end{array}$	<p>B)</p> $\begin{array}{r} 220 \\ 2303 \\ + 8543 \\ \hline 11,066 \end{array}$	<p>C)</p> $\begin{array}{r} 495 \\ 2303 \\ + 4344 \\ \hline 6234 \end{array}$	<p>D)</p> $\begin{array}{r} 220 \\ 733 \\ + 3426 \\ \hline 4379 \end{array}$	116) _____
117)	<p>A)</p> $\begin{array}{r} 463 \\ 2810 \\ + 3983 \\ \hline 7256 \end{array}$	<p>B)</p> $\begin{array}{r} 7647 \\ 257 \\ + 4335 \\ \hline 12,239 \end{array}$	<p>C)</p> $\begin{array}{r} 827 \\ 257 \\ + 3983 \\ \hline 4957 \end{array}$	<p>D)</p> $\begin{array}{r} 827 \\ 2810 \\ + 7647 \\ \hline 11,284 \end{array}$	117) _____
118)	<p>A)</p> $\begin{array}{r} 8180 \\ 41,805 \\ + 3893 \\ \hline 53,878 \end{array}$	<p>B)</p> $\begin{array}{r} 54,243 \\ 3116 \\ + 3893 \\ \hline 61,252 \end{array}$	<p>C)</p> $\begin{array}{r} 38,709 \\ 3116 \\ + 8180 \\ \hline 50,005 \end{array}$	<p>D)</p> $\begin{array}{r} 38,709 \\ 41,805 \\ + 3540 \\ \hline 83,044 \end{array}$	118) _____
119)	<p>A)</p> $\begin{array}{r} 2,483,625 \\ 3671 \\ + 3960 \\ \hline 5,729,535 \end{array}$	<p>B)</p> $\begin{array}{r} 35,970 \\ 40,994 \\ + 3,342,239 \\ \hline 3,419,203 \end{array}$	<p>C)</p> $\begin{array}{r} 7,559,648 \\ 40,994 \\ + 3960 \\ \hline 7,604,602 \end{array}$	<p>D)</p> $\begin{array}{r} 35,970 \\ 3671 \\ + 7,559,648 \\ \hline 7,599,289 \end{array}$	119) _____
120)	<p>A)</p> $\begin{array}{r} 79,677 \\ - 57,269 \\ \hline 22,408 \end{array}$	<p>B)</p> $\begin{array}{r} 88,560 \\ - 63,342 \\ \hline 152,232 \end{array}$	<p>C)</p> $\begin{array}{r} 60,471 \\ - 36,640 \\ \hline 23,831 \end{array}$	<p>D)</p> $\begin{array}{r} 67,700 \\ - 32,873 \\ \hline 34,827 \end{array}$	120) _____
121)	<p>A)</p> $\begin{array}{r} 683,217 \\ - 367,259 \\ \hline 315,958 \end{array}$	<p>B)</p> $\begin{array}{r} 699,160 \\ - 424,188 \\ \hline 274,972 \end{array}$	<p>C)</p> $\begin{array}{r} 777,475 \\ - 601,597 \\ \hline 175,878 \end{array}$	<p>D)</p> $\begin{array}{r} 759,018 \\ - 550,409 \\ \hline 219,609 \end{array}$	121) _____
122)	<p>A)</p> $\begin{array}{r} 5,023,568 \\ - 2,461,184 \\ \hline 2,562,384 \end{array}$	<p>B)</p> $\begin{array}{r} 948,235 \\ - 599,547 \\ \hline 349,698 \end{array}$	<p>C)</p> $\begin{array}{r} 2,744,893 \\ - 1,385,501 \\ \hline 1,359,392 \end{array}$	<p>D)</p> $\begin{array}{r} 64,189 \\ - 32,340 \\ \hline 31,849 \end{array}$	122) _____

123)				123) _____
	A)	B)	C)	D)
	805,670	54,300,106	508,500	16,898,700
	<u>- 501,439</u>	<u>- 8,410,182</u>	<u>- 349,653</u>	<u>- 10,001,782</u>
	304,231	45,889,924	158,737	6,896,918

124)				124) _____
	A)	B)	C)	D)
	44,645,905	1,975,994	60,478	775,738
	<u>- 19,371,128</u>	<u>- 915,173</u>	<u>- 30,939</u>	<u>- 515,824</u>
	25,274,777	1,060,821	29,539	260,024

Subtract.

	866			
125)	<u>- 31</u>			125) _____

- | | | | |
|--------|--------|--------|--------|
| A) 835 | B) 897 | C) 735 | D) 833 |
|--------|--------|--------|--------|

	9556			
126)	<u>- 242</u>			126) _____

- | | | | |
|---------|---------|--------|---------|
| A) 9314 | B) 9310 | C) 314 | D) 9230 |
|---------|---------|--------|---------|

	8668			
127)	<u>- 3525</u>			127) _____

- | | | | |
|---------|---------|---------|---------|
| A) 8143 | B) 5143 | C) 5093 | D) 5133 |
|---------|---------|---------|---------|

	5718			
128)	<u>- 3592</u>			128) _____

- | | | | |
|---------|---------|---------|---------|
| A) 2126 | B) 2122 | C) 5126 | D) 2102 |
|---------|---------|---------|---------|

	5269			
129)	<u>- 3951</u>			129) _____

- | | | | |
|---------|---------|---------|---------|
| A) 1216 | B) 1318 | C) 1316 | D) 4318 |
|---------|---------|---------|---------|

	85,448			
130)	<u>- 58,955</u>			130) _____

- | | | | |
|-----------|-----------|-----------|-----------|
| A) 26,493 | B) 26,403 | C) 26,483 | D) 34,493 |
|-----------|-----------|-----------|-----------|

	53,245			
131)	<u>- 8688</u>			131) _____

- | | | | |
|-----------|-----------|-----------|-----------|
| A) 44,467 | B) 44,557 | C) 52,557 | D) 44,547 |
|-----------|-----------|-----------|-----------|

- 927,189
132) $\underline{- 431,337}$ 132) _____
- A) 495,752 B) 495,952 C) 495,852 D) 495,842
- 133) $87 - 38$ 133) _____
A) 59 B) 69 C) 44 D) 49
- 134) $769 - 336$ 134) _____
A) 533 B) 417 C) 443 D) 433
- 135) $691 - 21$ 135) _____
A) 682 B) 670 C) 770 D) 660
- 136) $5717 - 3281$ 136) _____
A) 2436 B) 2936 C) 2526 D) 2396
- 137) $23,603 - 16,422$ 137) _____
A) 7181 B) 7081 C) 7581 D) 8581
- 138) $43,828 - 7701$ 138) _____
A) 35,827 B) 40,127 C) 43,947 D) 36,127
- 139) $88,272 - 5199$ 139) _____
A) 90,893 B) 83,373 C) 83,073 D) 87,073
- 140) $6639 - 869$ 140) _____
A) 5670 B) 5769 C) 5780 D) 5770
- 141) $76 \text{ miles} - 22 \text{ miles}$ 141) _____
A) 74 miles B) 64 miles C) 49 miles D) 54 miles
- 142) $660 \text{ miles} - 256 \text{ miles}$ 142) _____
A) 404 miles B) 504 miles C) 388 miles D) 414 miles
- 143) $556 \text{ feet} - 32 \text{ feet}$ 143) _____
A) 624 feet B) 536 feet C) 524 feet D) 514 feet
- 144) $8471 \text{ meters} - 1058 \text{ meters}$ 144) _____
A) 7913 meters B) 7413 meters C) 7503 meters D) 7373 meters

145) 55,312 meters - 11,707 meters

A) 44,005 meters

B) 43,605 meters

C) 43,505 meters

D) 45,005 meters

145) _____

146) 85,640 kilometers - 8281 kilometers

A) 77,059 kilometers

C) 85,179 kilometers

B) 77,359 kilometers

D) 81,359 kilometers

146) _____

147) 54,578 hours – 7740 hours 147) _____
A) 47,138 hours B) 50,838 hours C) 54,658 hours D) 46,838 hours

148) \$6755 – \$981 148) _____
A) \$5773 B) \$5774 C) \$5784 D) \$5674

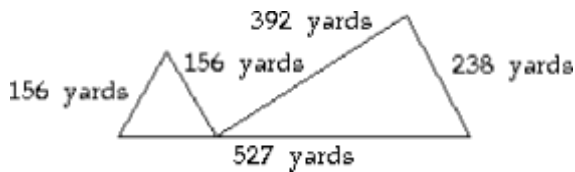
Solve.

149) Sue had \$815 in her bank account. She deposited a \$453 pay check and a \$242 pay check. How much did she deposit and what was her new balance? 149) _____
A) \$695; \$1510 B) \$695; \$1500 C) \$1268; \$1510 D) \$1057; \$1410

150) In the metropolitan area, car dealers have 8103 foreign sports cars for sale and 6902 domestic sports cars for sale. How many sports cars are for sale? 150) _____
A) 1201 cars B) 14,507 cars C) 15,005 cars D) 2120 cars

151) In a biology experiment, a scientist collected 9767 mosquitoes in a field and 7923 mosquitoes in an urban area. How many mosquitoes did she collect altogether? 151) _____
A) 17,690 mosquitoes B) 2881 mosquitoes
C) 17,343 mosquitoes D) 1844 mosquitoes

152) Find the perimeter. 152) _____



A) 1,231 yards B) 1,313 yards C) 1,625 yards D) 1,469 yards

153) Last year the hatch-back model of a new car cost \$15,771. This year's model costs \$17,774. How much more does this year's model cost? 153) _____
A) \$33,545 B) \$2003 C) \$32,545 D) \$1903

154) A survey of 1960 people found that 756 people were planning to travel on Labor Day weekend. How many people were planning to stay home? 154) _____
A) 1104 people B) 2616 people C) 1204 people D) 2716 people

155) There are 1708 students registered at Lincoln Community College. 397 of them are boys. How many girls are registered? 155) _____
A) 1301 girls B) 2005 girls C) 1311 girls D) 2105 girls

156) While working for a major league baseball team, one of your jobs was to keep a record of the paid attendance for the first five games of the season. After the first seven games you gave this chart to your
super

visor. What was the total attendance for the first five games?

156) _____

Games	1	2	3	4	5
Attendance	31,423	33,634	31,836	33,108	33,276

A) 163,277

B) 163,166

C) 163,388

D) 164,278

157) At this moment you have \$809 in your checking account. Tomorrow you plan to deposit \$203, and two days later you are planning to write a check for \$778. Will you have enough money to write the check? 157) _____
A) Yes B) No

158) The monthly plan for your cellular telephone allows you to use 200 minutes a month. After calling customer service you find that you have used 49 minutes. You are planning to make two short personal calls of about 7 minutes each. Then, you need to make three important long business calls. If the calls are of equal length, approximately how much time will you have for each call? Round to the nearest whole number. 158) _____
A) 44 minutes B) 48 minutes C) 34 minutes D) 46 minutes

159) During the last four months of a recent year, Annie's Natural Food Store reported the following sales. 159) _____
September \$3492
October \$2476
November \$3478
December \$2702
What were the total sales over this period?
A) \$12,158 B) \$12,258 C) \$12,248 D) \$12,148

160) During the last four months of a recent year, Annie's Natural Food Store reported the following sales. 160) _____
September \$3362
October \$2696
November \$3492
December \$4144
How much more were the sales in December than the sales in November?
A) \$7636 B) \$652 C) \$552 D) \$7536

161) Pete is driving across country from Boston to Seattle. He keeps a record of the distance that he drives each day. 161) _____
Monday 415 miles
Tuesday 302 miles
Wednesday 315 miles
Thursday 279 miles
Friday 264 miles
How much further did he drive on Monday than on Friday?
A) 415 miles B) 151 miles C) 136 miles D) 679 miles

162) Pete is driving across country from Boston to Seattle. He keeps a record of the distance that he drives each day. What was his total mileage for the first three days of the
Monday 444 miles
Tuesday 303 miles
Wednesday 263 miles
Thursday 293 miles
Friday 301 miles

week?

A) 1010 miles

B) 1000 miles

C) 1110 miles

D) 1604 miles

162) _____

- 163) The height of the tallest building in the town of Chorlton is 1317 feet. It is 147 feet taller than the second tallest building. What is the height of the second tallest building in Chorlton?
 A) 1170 feet B) 1464 feet C) 1463 feet D) 1169 feet 163) _____
- 164) The balance in your checking account is \$884. You write checks for \$38, \$55, and \$119. You then deposit \$138 from your paycheck. What is your new balance?
 A) \$1234 B) \$800 C) \$810 D) \$534 164) _____
- 165) An employee was paid \$84,450 during the first half of last year. During the second half he was paid \$96,078. How much more was his income during the second half?
 A) \$180,528 B) \$11,628 C) \$180,427 D) \$11,527 165) _____
- 166) The list price of a car is \$15,066. The manufacturer offers a rebate of \$665. What is the final price of the car?
 A) \$15,731 B) \$14,401 C) \$15,631 D) \$14,301 166) _____
- 167) The dimensions of a rectangular yard are 28 feet by 115 feet. What is its perimeter?
 A) 286 feet B) 171 feet C) 143 feet D) 3220 feet 167) _____

Multiply.

- 168) 6×100
 A) 60 B) 600 C) 6000 D) 1200 168) _____
- 169) 42×100
 A) 42,000 B) 8400 C) 420 D) 4200 169) _____
- 170) 100×18
 A) 180 B) 18,000 C) 3600 D) 1800 170) _____
- 171) $5,000 \times 1,000$
 A) 5,000,000 B) 1,000,000 C) 5,000,000,000 D) 5,000 171) _____
- 172) $600 \times 10,000$
 A) 6,000 B) 6,000,000 C) 60,000 D) 600 172) _____
- 173) 82×10
 A) 820 B) 8200 C) 82,000 D) 1640 173) _____
- 174) 70×100
 A) 7000 B) 700 C) 14,000 D) 70,000 174) _____

- 178)
$$\begin{array}{r} 77 \\ \times 7 \\ \hline \end{array}$$
 178) _____
- A) 499 B) 539 C) 639 D) 504
- 179)
$$\begin{array}{r} 507 \\ \times 8 \\ \hline \end{array}$$
 179) _____
- A) 96 B) 456 C) 4560 D) 4056
- 180)
$$\begin{array}{r} 389 \\ \times 6 \\ \hline \end{array}$$
 180) _____
- A) 2344 B) 2434 C) 2334 D) 2234
- 181)
$$\begin{array}{r} 2740 \\ \times 3 \\ \hline \end{array}$$
 181) _____
- A) 8320 B) 8120 C) 8220 D) 8230
- 182)
$$\begin{array}{r} 21,699 \\ \times 5 \\ \hline \end{array}$$
 182) _____
- A) 108,485 B) 108,595 C) 108,495 D) 108,455
- 183)
$$\begin{array}{r} 979,683 \\ \times 8 \\ \hline \end{array}$$
 183) _____
- A) 7,867,464 B) 7,837,464 C) 7,888,264 D) 7,918,264
- 184)
$$\begin{array}{r} 5,360,000 \\ \times 5 \\ \hline \end{array}$$
 184) _____
- A) 26,801,100 B) 26,901,000 C) 26,800,000 D) 26,788,900
- 185)
$$\begin{array}{r} 6,850,000 \\ \times 9 \\ \hline \end{array}$$
 185) _____
- A) 61,751,000 B) 61,651,100 C) 61,650,000 D) 61,638,900

- 186)
$$\begin{array}{r} 15 \\ \times 91 \\ \hline \end{array}$$
 186) _____
- A) 1365 B) 1465 C) 1355 D) 1375
- 187)
$$\begin{array}{r} 742 \\ \times 53 \\ \hline \end{array}$$
 187) _____
- A) 38,325 B) 39,336 C) 39,326 D) 39,426
- 188)
$$\begin{array}{r} 6838 \\ \times 15 \\ \hline \end{array}$$
 188) _____
- A) 102,470 B) 102,671 C) 101,569 D) 102,570
- 189)
$$\begin{array}{r} 9235 \\ \times 20 \\ \hline \end{array}$$
 189) _____
- A) 185,800 B) 184,700 C) 185,710 D) 183,590
- 190)
$$\begin{array}{r} 397 \\ \times 750 \\ \hline \end{array}$$
 190) _____
- A) 297,740 B) 297,750 C) 297,760 D) 297,850
- 191)
$$\begin{array}{r} 3595 \\ \times 454 \\ \hline \end{array}$$
 191) _____
- A) 1,632,230 B) 1,631,130 C) 1,642,130 D) 1,632,130
- 192)
$$\begin{array}{r} 3087 \\ \times 9995 \\ \hline \end{array}$$
 192) _____
- A) 30,854,565 B) 30,854,665 C) 30,864,565 D) 30,853,565
- 193)
$$\begin{array}{r} 56,470 \\ \times 1831 \\ \hline \end{array}$$
 193) _____
- A) 103,386,560 B) 103,395,570 C) 103,406,580 D) 103,396,570

210) $29 \times 98 \times 3$ 210) _____
A) 8526 B) 8626 C) 8516 D) 8426

211) $54 \times 4 \times 89$ 211) _____
A) 19,224 B) 19,235 C) 19,214 D) 19,213

In each group of four products, one is wrong. Use estimation to determine which product is incorrect.

212) 212) _____
A) $66 \times 469 = 31,064$ B) $182 \times 40 = 7280$
C) $549 \times 75 = 41,175$ D) $229 \times 56 = 12,824$

213) 213) _____
A) $233 \times 68 = 15,855$ B) $153 \times 35 = 5355$
C) $47 \times 237 = 11,139$ D) $446 \times 89 = 39,694$

214) 214) _____
A) $2 \times 1418 = 2836$ B) $275 \times 78 = 21,450$
C) $2973 \times 67 = 199,191$ D) $1772 \times 2 = 2444$

215) 215) _____
A) $41 \times 432 = 18,233$ B) $181 \times 90 = 16,290$
C) $4034 \times 60 = 242,040$ D) $213 \times 32 = 6816$

216) 216) _____
A) $174 \times 84 = 15,046$ B) $207 \times 60 = 12,420$
C) $226 \times 73 = 16,498$ D) $37 \times 314 = 11,618$

Solve.

217) How many months are there in 26 years? 217) _____
A) 48 months B) 312 months C) 38 months D) 322 months

218) Carlos averages 19 miles per gallon of gasoline in his car. How far can he travel on 14 gallons of gasoline? 218) _____
A) 36 miles B) 33 miles C) 266 miles D) 269 miles

219) Each box of matches contains 240 matches. Boxes of matches are shipped in cartons. Each carton contains 15 boxes of matches. How many matches are in each carton? 219) _____
A) 360 B) 255 C) 16 D) 3600

220) A map has a scale of 3 miles to the inch. How far apart in reality are two cities that are 24 inches apart on the map? How far apart on the map are two cities that, in reality, are 24 miles apart? A) 8 m il

es; 72 inches
C) 72 miles; 72 inches

B) 8 miles; 8 inches
D) 72 miles; 8 inches

220) _____

221) A community garden contains 35 rectangular plots each measuring 6 yd by 10 yd. What is the total area available for gardening? 221) _____

A) 2100 yd²

B) 1120 yd²

C) 2135 yd²

D) 60 yd²

222) From the building floor plan depicted in the figure, calculate the floor space area. 222) _____



- A) 270 m² B) 280 m² C) 275 m² D) 65 m²

223) Susan's back yard is rectangular with dimensions 36 yd. by 73 yd. Carlos's back yard is rectangular with dimensions 30 yd. by 57 yd. How much larger is the area of Susan's back yard than the area of Carlos's back yard? 223) _____

- A) 44 yd.² B) 2628 yd.² C) 918 yd.² D) 4338 yd.²

224) A travel agent arranged a payment plan for a client. It required a down payment of \$250 and 6 monthly payments of \$573. What was the total cost of the plan? 224) _____

- A) \$3688 B) \$3538 C) \$3588 D) \$3438

225) Hannah owns 27 acres of land which she rents to a timber grower for \$3933 per acre per year. Her property taxes are \$780 per acre per year. How much profit does she make on the land each year? 225) _____

- A) \$106,971 B) \$105,411 C) \$85,131 D) \$127,251

226) In preparation for his new job, Tristan bought two suits at \$184 a piece, four shirts at \$27 a piece, two pairs of shoes at \$73 a piece, four ties at \$27 a piece, and five pairs of socks at \$6 a piece. What was the total cost of these items? 226) _____

- A) \$760 B) \$730 C) \$317 D) \$781

Divide.

227)
$$\begin{array}{r}) \\ 4 \overline{) 50,000} \end{array}$$

- A) 125,000 B) 12,501 C) 1250 D) 12,500

228)
$$\begin{array}{r}) \\ 6 \overline{) 288} \end{array}$$

- A) 49 B) 50 C) 47 D) 48

229)
$$\begin{array}{r}) \\ 3 \overline{) 810} \end{array}$$

- A) 270 B) 269 C) 268 D) 271

230)
$$\begin{array}{r}) \\ 3 \overline{) 9744} \end{array}$$

- A) 3246 B) 3249 C) 3247 D) 3248

231)
$$\begin{array}{r}) \\ 4 \overline{) 36,888} \end{array}$$

- A) 9221 B) 9224 C) 9222 D) 9223

232) $\frac{3 \ 18,360}{\text{A) 6121}}$

B) 6122

C) 6120

D) 6119

232) _____

)

)

)

)

- 233) $\overline{7) 22,225}$
A) 3175 B) 3176 C) 3177 D) 3173 233) _____
- 234) $\overline{5) 3600}$
A) 720 B) 721 C) 722 D) 719 234) _____
- 235) $\overline{4) 92,160}$
A) 23,040 B) 23,039 C) 23,042 D) 23,041 235) _____
- 236) $\overline{3) 5,059,140}$
A) 1,686,379 B) 1,686,380 C) 1,686,382 D) 1,686,381 236) _____
- 237) $200 \div 20$
A) 10 B) 40 C) 1000 D) 4000 237) _____
- 238) $800 \div 80$
A) 10 B) 64,000 C) 1000 D) 640 238) _____
- 239) $4000 \div 80$
A) 3200 B) 500 C) 50 D) 320,000 239) _____
- 240) $\frac{800}{20}$
A) 160 B) 4000 C) 40 D) 16,000 240) _____
- 241) $\frac{6000}{30}$
A) 180,000 B) 200 C) 1800 D) 20,000 241) _____
- 242) $\frac{70,000}{50}$
A) 1400 B) 3,500,000 C) 35,000 D) 14,000 242) _____
- 243) $871 \div 43$
A) 20 R 11 B) 18 R 7 C) 20 D) 19 R 34 243) _____
- 244) $2260 \div 20$
A) 113 B) 114 R 10 C) 114 D) 113 R 11 244) _____
- 245) $28 \overline{) 5969}$
A) 216 R 20 B) 213 C) 213 R 5 D) 216 R 5 245) _____
- 246) $63 \overline{) 29,295}$
A) 455 B) 465 C) 470 R 48 D) 475 R 56 246) _____

- 247) $\overline{48 \overline{)15,963}}$ A) 332 R 8 B) 332 C) 27 D) 332 R 27 247) _____
- 248) $\overline{376 \overline{)153,408}}$ A) 409 B) 408 C) 407 D) 4080 248) _____
- 249) $\overline{32 \overline{)41,760}}$ A) 1305 B) 13,050 C) 1304 D) 1306 249) _____
- 250) $306,540 \div 65$ A) 4715 B) 4717 C) 4716 D) 47,160 250) _____
- 251) $\overline{63 \overline{)80,395}}$ A) 1276 R 7 B) 12,760 R 7 C) 1276 R 9 D) 1276 R 5 251) _____
- 252) $\overline{41 \overline{)216,212}}$ A) 5273 R 17 B) 52,730 R 19 C) 5273 R 21 D) 5273 R 19 252) _____

Use estimation to determine which quotients is wrong.

- 253) A) $881,226 \div 54 = 19,319$ B) $17,385,236 \div 44 = 395,119$ 253) _____
 C) $3,910,680 \div 72 = 54,315$ D) $17,475,020 \div 422 = 41,410$
- 254) A) $4,459,319 \div 67 = 67,557$ B) $16,298,688 \div 48 = 339,556$ 254) _____
 C) $1,450,620 \div 60 = 24,177$ D) $10,075,296 \div 336 = 29,986$
- 255) A) $1,128,562 \div 38 = 33,699$ B) $\overline{21,582,612 \div 81 = 266,452}$ 255) _____
 C) $936,512 \div 32 = 29,266$ D) $\overline{4,300,683 \div 183 = 23,501}$
- 256) A) $545,525 \div 25 = 21,821$ B) $\overline{13,413,036 \div 71 = 188,916}$ 256) _____
 C) $903,504 \div 28 = 30,268$ D) $\overline{1,978,671 \div 157 = 12,603}$
- 257) A) $13,335,600 \div 80 = 166,695$ B) $\overline{728,157 \div 23 = 31,659}$ 257) _____
 C) $465,168 \div 12 = 38,764$ D) $\overline{2,925,780 \div 130 = 17,506}$
- 258) A) $1,064,064 \div 24 = 44,336$ B) $955,812 \div 26 = 36,762$ 258) _____
 C) $18,402,768 \div 82 = 220,424$ D) $5,488,470 \div 195 = 28,146$

Solve.

- 259) A group of 3 people wants to buy a boat. The boat costs \$981. If they all pay the same amount, how much is each person's share? 259) _____
 A) \$317 B) \$245 C) \$337 D) \$327

260) The city bridge has 8 lanes, all carrying equal numbers of cars. If 304 cars drive across the bridge, how many cars cross in each lane? 260) _____
A) 312 cars B) 46 cars C) 39 cars D) 38 cars

261) Richard's team wants to plant 417 trees in 3 months. How many trees per month do they need to plant? 261) _____
A) 278 trees B) 139 trees C) 149 trees D) 142 trees

262) Alicia sold \$6984 in paintings at the art fair. If she sold 8 paintings total, and they all sold for the same amount, what was the price of one painting? 262) _____
A) \$873 B) \$773 C) \$884 D) \$911

263) Just Hardware has a profit of \$333,454. This profit is to be divided evenly between 46 employee owners. Find the profit received by each owner. 263) _____
A) \$12,248 B) \$15,338,884 C) \$19,594 D) \$7249

264) Mr. and Mrs. Gutierrez borrow \$6000 to buy a new car. The loan is to be paid off in 20 equal monthly payments. How much is each payment? 264) _____
A) \$6020 B) \$5980 C) \$30 D) \$300

265) 209 chocolates are to be packed into boxes each of which will contain 9 chocolates. How many boxes of chocolates will there be? How many chocolates will be left over? 265) _____
A) 22 boxes; 3 chocolates left over B) 23 boxes; no chocolates left over
C) 22 boxes; 2 chocolates left over D) 23 boxes; 2 chocolates left over

266) A spreadsheet contains 570 entries in a rectangular array which has 30 rows. How many entries are in each row? 266) _____
A) 17,100 B) 540 C) 19 D) 29

267) Danny buys 5 books at \$46 each and pays for them with 10-dollar bills. How many \$10 bills did it take? 267) _____
A) 6 B) 220 C) 23 D) 230

Simplify.

268) 6^2 268) _____
A) 37 B) 13 C) 12 D) 36

269) 14^2 269) _____
A) 29 B) 196 C) 28 D) 197

270) 4^3 A) 64

270) _____

B) 65

C) 12

D) 13

271) 5^3

A) 125

B) 126

C) 16

D) 15

271) _____

Express as a power of 10.

272) 1000

A) 10

B) 10^4

C) 10^2

D) 10^3

272) _____

- 273) 100,000
 A) 10^7 B) 10^6 C) 10^4 D) 10^5 273) _____
- 274) 10,000,000,000
 A) 10^{12} B) 10^{11} C) 10^{10} D) 10^9 274) _____
- 275) 1,000,000
 A) 10^8 B) 10^5 C) 10^6 D) 10^7 275) _____
- 276) 1000
 A) 10^2 B) 10^4 C) 10^3 D) 10^5 276) _____

Express the number in terms of powers of the numbers in the expression.

- 277) $3 \cdot 3 \cdot 5 \cdot 5$
 A) $2(3) \cdot 2(5)$ B) $3^4 \cdot 5^4$ C) $3^2 \cdot 5^2$ D) $3 \cdot 5$ 277) _____
- 278) $3 \cdot 5 \cdot 3 \cdot 5$
 A) $3^4 \cdot 5^4$ B) $3^2 \cdot 5^2$ C) $3 \cdot 5$ D) $2(3) \cdot 2(5)$ 278) _____
- 279) $2 \cdot 2 \cdot 2 \cdot 3$
 A) $2 \cdot 3^3$ B) $2 \cdot 3$ C) $2^3 \cdot 3$ D) $3(2) \cdot 3$ 279) _____
- 280) $5 \cdot 7 \cdot 5$
 A) $5 \cdot 7$ B) $5 \cdot 7^2$ C) $2(5) \cdot 7$ D) $5^2 \cdot 7$ 280) _____
- 281) $2 \cdot 5 \cdot 5 \cdot 5$
 A) $2 \cdot 5^3$ B) $2 \cdot 5$ C) $2 \cdot 3(5)$ D) $2^3 \cdot 5$ 281) _____
- 282) $5 \cdot 2 \cdot 5 \cdot 2 \cdot 5$
 A) $2(2) \cdot 3(5)$ B) $2^5 \cdot 5^5$ C) $2 \cdot 5$ D) $2^2 \cdot 5^3$ 282) _____

Write the number in standard form.

- 283) $4^2 \cdot 5^2$
 A) 400 B) 81 C) 80 D) 41 283) _____
- 284) $9^2 \cdot 10^3$
 A) 540 B) 1081 C) 81,000 D) $5.31441e+11$ 284) _____
- 285) $3^5 \cdot 6^2$
 A) 180 B) 8748 C) 279 D) 612,220,032 285) _____
- 286) $2^4 \cdot 4^2$
 A) 262,144 B) 256 C) 64 D) 32 286) _____

Evaluate.

- 287) $240 \div 8 - 2$ B) 234 C) 230 D) 28 287) _____
 A) 40
- 288) $6^2 + 2^2$ B) 16 C) 40 D) 64 288) _____
 A) 32
- 289) $21 + 22 \cdot 19$ B) 62 C) 481 D) 439 289) _____
 A) 817
- 290) $8 \cdot 3 - 3$ B) 27 C) 0 D) 21 290) _____
 A) 72
- 291) $73 - 6 \cdot 5 \cdot 2$ B) 670 C) 13 D) 86 291) _____
 A) 60
- 292) $8^2 - 3 \cdot 8$ B) 40 C) 488 D) 320 292) _____
 A) 200
- 293) $4^2 + 8^2 \div 2^2$ B) 36 C) 20 D) 84 293) _____
 A) 32
- 294) $(6 + 5)^2$ B) 61 C) 121 D) 31 294) _____
 A) 41
- 295) $(13 - 11)^2 + (6 + 2)^2$ B) 100 C) 68 D) 44 295) _____
 A) 88
- 296) $5 \cdot (3 + 3)^2 - 2 \cdot (6 - 4)^2$ B) 712 C) 884 D) 172 296) _____
 A) 316
- 297) $\frac{4 + 2}{4 - 2}$ B) 3 C) 2 D) 4 297) _____
 A) 5
- 298) $\frac{9 - 2}{3 + 4}$ B) 3 C) 1 D) 7 298) _____
 A) 9
- 299) $8^2 - 1$ B) 15 C) 64 D) 65 299) _____
 A) 63
- 300) $(4 + 1)(4 - 1)$ B) 7 C) 17 D) 15 300) _____
 A) 16

301) $\left(\frac{13-4}{2+1}\right)^2$ 301) _____
 A) 81 B) 16 C) 9 D) 3

302) $\frac{7^2 + 9^2}{2}$ 302) _____
 A) 130 B) 65 C) 1 D) 16

303) $41 + 6 \cdot 408 \div 8$ 303) _____
 A) 347 B) 89 C) 2397 D) 376

304) $58 \cdot 32 + 34 \cdot 17^2 \div 2$ 304) _____
 A) 6779 B) 2444 C) 2434 D) 6769

305) $50(50 - 19)(50 - 14)(50 - 22)$ 305) _____
 A) 1,370,200 B) 1,128,400 C) 1,897,200 D) 1,562,400

306) $176^2 - 6(24)(16)$ 306) _____
 A) 27,528 B) 33,280 C) 27,512 D) 28,672

Solve the problem.

307) The three squares stand for the numbers 4,6 and 8 in some order. Fill in the squares to make a true statement. 307) _____
 $4 \cdot \square + \square \cdot 5 + 7 \cdot \square = 102$
 A) 6, 4, 8 B) 8, 4, 6 C) 4, 6, 8 D) 4, 8, 6

308) The three squares stand for the numbers 4,6 and 8 in some order. Fill in the squares to make a true statement. 308) _____
 $\square + 7 \times \square - \frac{\square}{2} = 33$
 A) 4, 8, 6 B) 8, 6, 4 C) 8, 4, 6 D) 6, 4, 8

309) The three squares stand for the numbers 4,6 and 8 in some order. Fill in the squares to make a true statement. 309) _____
 $\square(9 + \square) - 6 \cdot \square = 30$
 A) 4, 8, 6 B) 6, 4, 8 C) 6, 8, 4 D) 4, 6, 8

310) The three squares stand for the numbers 4,6 and 8 in some order. Fill in the squares to make a true statement. 310) _____
 $\frac{8}{\square} - \frac{\square}{2} + (3 + \square)^2 = 80$
 A) 4, 8, 6 B) 8, 4, 6 C) 8, 6, 4 D) 4, 6, 8

311) The three squares stand for the numbers 4,6 and 8 in some order. Fill in the squares to make a true statement.

$$\square + 14 \times \square - \square \div 2 = 58$$

A) 6, 4, 8

B) 6, 8, 4

C) 4, 8, 6

D) 8, 6, 4

311) _____

312) Insert parentheses, if needed, so that the expression on the left is equal to the number on the right. 312) _____

$$5 + 2 \cdot 3^2 = 63$$

A) $5 + (2 \cdot 3^2)$

B) $5 + (2 \cdot 3)^2$

C) $(5 + 2) \cdot 3^2$

D) No parentheses needed

313) Insert parentheses, if needed, so that the expression on the left is equal to the number on the right. 313) _____

$$2 + 4 \cdot 5^2 = 102$$

A) $2 + 4 \cdot (5^2)$

B) $2 + (4 \cdot 5^2)$

C) $(2 + 4) \cdot 5^2$

D) No parentheses needed

314) Insert parentheses, if needed, so that the expression on the left is equal to the number on the right. 314) _____

$$8 + 2 \cdot 4^2 = 72$$

A) $(8 + 2) \cdot 4^2$

B) $8 + (2 \cdot 4^2)$

C) $8 + (2 \cdot 4)^2$

D) No parentheses needed

315) Insert parentheses, if needed, so that the expression on the left is equal to the number on the right. 315) _____

$$8 - 16 \div 2^2 + 6 = 10$$

A) $(8 - 16) \div 2^2 + 6$

B) $(8 - 16) \div (2^2 + 6)$

C) $8 - 16 \div (2^2 + 6)$

D) No parentheses needed

316) Insert parentheses, if needed, so that the expression on the left is equal to the number on the right. 316) _____

$$16 - 12 \div 2^2 + 5 = 6$$

A) $16 - 12 \div (2^2 + 5)$

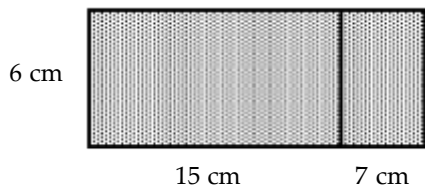
B) No parentheses needed

C) $16 - (12 \div 2^2) + 5$

D) $(16 - 12) \div 2^2 + 5$

Find the area of the shaded region.

317) 317) _____



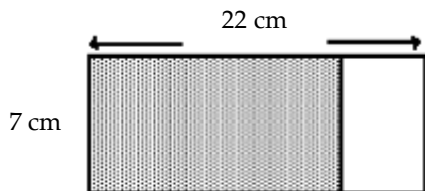
A) 142 square centimeters

B) 132 square centimeters

C) 630 square centimeters

D) 48 square centimeters

318) 318) _____

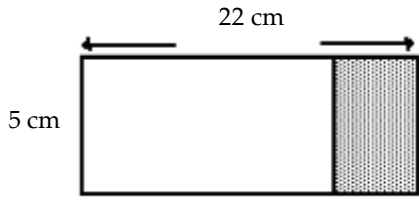


16 cm

- A) 42 square centimeters
- C) 154 square centimeters

- B) 352 square centimeters
- D) 52 square centimeters

319)



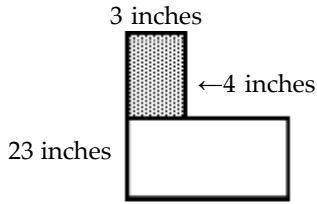
18 cm

- A) 30 square centimeters
- C) 396 square centimeters

- B) 20 square centimeters
- D) 110 square centimeters

319) _____

320)



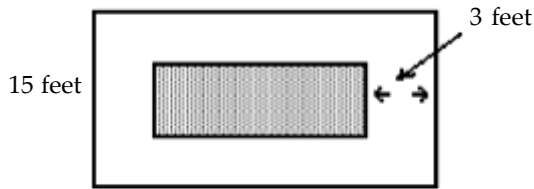
7 inches

- A) 173 square inches
- C) 2 square inches

- B) 12 square inches
- D) 161 square inches

320) _____

321)

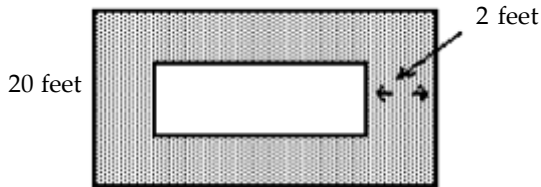


28 feet

- A) 208 square feet
- B) 414 square feet
- C) 411 square feet
- D) 198 square feet

321) _____

322)

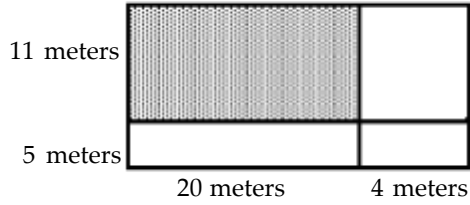


25 feet

- A) 492 square feet
- B) 164 square feet
- C) 496 square feet
- D) 154 square feet

322) _____

323)

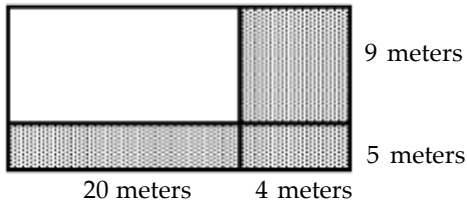


- A) 230 square meters
- C) 220 square meters

- B) 200 square meters
- D) 96 square meters

323) _____

324)

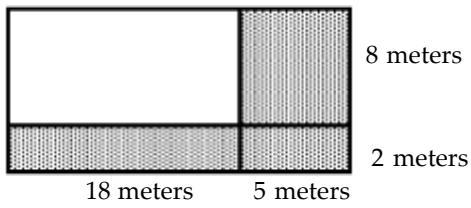


- A) 38 square meters
- C) 166 square meters

- B) 156 square meters
- D) 200 square meters

324) _____

325)



- A) 76 square meters
- C) 33 square meters

- B) 56 square meters
- D) 86 square meters

325) _____

Complete the table.

326)

Input	Output
0	$14 + 5 \times 0 =$
1	$14 + 5 \times 1 =$
2	$14 + 5 \times 2 =$

326) _____

A)

Input	Output
0	$14 + 5 \times 0 = 0$
1	$14 + 5 \times 1 = 5$
2	$14 + 5 \times 2 = 10$

B)

Input	Output
0	$14 + 5 \times 0 = 14$
1	$14 + 5 \times 1 = 19$
2	$14 + 5 \times 2 = 24$

C)

Input	Output
0	$14 + 5 \times 0 = 0$
1	$14 + 5 \times 1 = 19$
2	$14 + 5 \times 2 = 38$

D)

Input	Output
0	$14 + 5 \times 0 = 14$
1	$14 + 5 \times 1 = 19$
2	$14 + 5 \times 2 = 38$

327)

Input	Output
0	$22 - 6 \times 0 =$
1	$22 - 6 \times 1 =$
2	$22 - 6 \times 2 =$

327) _____

A)

Input	Output
0	$22 - 6 \times 0 = 0$
1	$22 - 6 \times 1 = 6$
2	$22 - 6 \times 2 = 12$

B)

Input	Output
0	$22 - 6 \times 0 = 22$
1	$22 - 6 \times 1 = 16$
2	$22 - 6 \times 2 = 32$

C)

Input	Output
0	$22 - 6 \times 0 = 22$
1	$22 - 6 \times 1 = 16$
2	$22 - 6 \times 2 = 10$

D)

Input	Output
0	$22 - 6 \times 0 = 0$
1	$22 - 6 \times 1 = 16$
2	$22 - 6 \times 2 = 32$

Find the average.

328) 18, 40

A) 28

B) 29

C) 30

D) 58

328) _____

329) 221, 205

A) 214

B) 426

C) 213

D) 212

329) _____

330) 150, 156, 162

A) 153

B) 155

C) 160

D) 156

330) _____

- 331) 76, 69, 89
 A) 234 B) 79 C) 77 D) 78 331) _____
- 332) 24, 29, 28
 A) 27 B) 26 C) 28 D) 81 332) _____
- 333) 11, 16, 15, 22
 A) 17 B) 15 C) 16 D) 64 333) _____
- 334) Eight 6's and four 3's
 A) 3 B) 5 C) 4 D) 6 334) _____
- 335) 35 pounds, 40 pounds, 30 pounds
 A) 104 pounds B) 35 pounds C) 105 pounds D) 34 pounds 335) _____
- 336) 22 hours, 21 hours, 14 hours
 A) 20 hours B) 58 hours C) 19 hours D) 57 hours 336) _____
- Solve.**
- 337) A 36 -story high rise apartment has 343,368 square feet of space to rent. What is the average rental space on a floor?
 A) 12,361,248 sq ft B) 9538 sq ft C) 21,883 sq ft D) 14,537 sq ft 337) _____
- 338) For five 18 hole rounds of golf, your scores were 92, 91, 95, 88, 89. What was your average score?
 A) 92 B) 90 C) 89 D) 91 338) _____
- 339) For three months the sales for your department were \$7698, \$8198, \$7198. What was your departmental average?
 A) \$7198 B) \$37,490 C) \$6698 D) \$7698 339) _____
- 340) For four airplane, trips you experienced the following delays 27 minutes, 31 minutes, 19 minutes, 23 minutes. What was the average delay?
 A) 101 min B) 25 min C) 100 min D) 24 min 340) _____
- 341) A survey of hourly wages stated that the hourly wages for an entry level worker for clerk's position were \$6, \$6, \$9. Find the average hourly wage.
 A) \$21 B) \$22 C) \$7 D) \$8 341) _____
- 342) The weights of five National Football League football players are 304 pounds, 278 pounds, 276 pounds, 310 pounds, 322 pounds. Find the average weight. A) 298 lb

B) 297 lb C) 282 lb D) 1490 lb 342) _____

343) For three days on your vacation you drove 372 miles, 346 miles, 344 miles. What was the average daily miles driven? 343) _____

A) 1063 mi B) 1062 mi C) 355 mi D) 354 mi

344) In your department the ages of the employees are 31, 43, and 46. Find the average age of the three employees. 344) _____

A) 38 B) 40 C) 41 D) 39

- 345) Are these three numbers a Pythagorean triple? 345) _____
8, 15, 17
A) Yes
B) No
C) Not possible to determine

- 346) If an object is dropped off a cliff, after 14 seconds it will have fallen $\frac{32 \cdot 14^2}{2}$ feet, ignoring air 346) _____
resistance. Express this distance in standard form, without exponents.
A) 6272 ft B) 3136 ft C) 46 ft D) 212 ft

Choose a strategy and solve.

- 347) Your car gets about 24 miles per gallon. You are planning to drive to see your friends who live 347) _____
about 705 miles away. How many gallons of gas will need to purchase to make the trip to see your
friends and to return home? State your answer to the nearest gallon.
A) About 24 gallons B) About 27 gallons
C) About 34 gallons D) About 59 gallons

- 348) Originally your car cost \$13,280. Four years later your car cost \$19,936. How much did the price 348) _____
increase?
A) No increase, it was a decrease. B) \$6656
C) \$7656 D) \$5656

- 349) Next year you anticipate that your property tax will be \$4984. You have already saved \$1148. How 349) _____
much more do you need to save?
A) \$3736
B) \$3936
C) \$3836
D) No need to save, you have saved enough money.

- 350) Tuition at your college is \$33 per credit hour. You are planning to take four 3 credit hour courses. 350) _____
What will the tuition bill be for all of your courses?
A) \$396 B) \$462 C) \$132 D) \$99

- 351) While shopping for used books, you note that the average price is about \$8 per book including tax. 351) _____
You have \$137 in your pocket. About how many books can you buy?
A) 19 books B) 21 books C) 14 books D) 17 books

- 352) You are planning a driving vacation, and you want to estimate the cost of the gas. While on 352) _____
vacation, you are planning to drive 4000 miles. Your car gets about 40 miles per gallon, and you
estimate that the cost of gas is \$1.82 per gallon. What is your estimate for the cost of the gasoline
for the the vacation?
A) \$182.00 B) \$223.86 C) \$227.50 D) \$145.60

353) You are planning a driving vacation, and you want to estimate the cost of the gas. While on vacation, you are planning to drive 1500 miles. Your car gets about 15 miles per gallon, and you estimate that the cost of gas is \$1.74 per gallon. If your take home pay for your part time job \$12 per hour, about how many hours will you need to work to pay for the gas? Round to the nearest hour.

A) 15 hours

B) 13 hours

C) 174 hours

D) 14 hours

353) _____

354) Your daily routine consists of driving 35 minutes to college in the morning, then driving 20 minutes to your job, and finally 34 minutes driving home. You do this every day, Monday through Friday. How many minutes do you spend in your car Monday through Friday on these routine trips? Express your answer in minutes. 354) _____
A) 89 minutes B) 445 minutes C) 455 minutes D) 356 minutes

355) Two years ago you weighed 224 pounds. A year ago you weighed 190 pounds, and this year you weigh 179 pounds. How many pounds did you lose overall? 355) _____
A) 34 pounds B) 45 pounds
C) 11 pounds D) No weight loss, you gained weight.

356) You need to purchase four tires for your car, and you found that the tire you need is \$61.83 per tire installed including all taxes. You have \$229 in your checking account. Do you have enough money in your checking account? 356) _____
A) No B) Yes

Use a calculator to solve.

357) After agreeing to purchase a car, you are told that your monthly payment will be \$410.16 for 24 months. In addition, you are required to make a down payment of \$1,000. What will be the total amount you will pay for the car? 357) _____
A) \$9843.84 B) \$8843.84 C) \$9943.84 D) \$10,843.84

358) You attend a college and are taking a mathematics class. A total of 30 students are registered for the course. The class is a 5 credit course, and the tuition rate is \$30 per credit. What is the total amount of tuition paid by all the students in the class? 358) _____
A) \$4490 B) \$900 C) \$150 D) \$4500

359) A large company decided to reduce the number of its employees. Prior to the reduction the company employed 44,656 people. The company decided to fire 3477 employees. How people were employed after the reduction? 359) _____
A) 41,190 people B) 41,179 people C) 41,168 people D) 48,133 people

360) A large company decided to reduce the number of its employees. The company decided to fire 3103 employees. After the reduction the company employed 47,675 people. How people were employed prior to the reduction? 360) _____
A) 44,583 people B) 50,778 people C) 44,572 people D) 50,767 people

361) You have agreed purchase a washer and dryer for \$1580 including installation and taxes. You also agree to make a down payment of \$120 and pay the balance in four payments. How much is each of the four payments? 361) _____
A) \$425 B) \$1590 C) \$110 D) \$365

Solve.

362) I am thinking of a whole number. My number, rounded to the nearest hundred, is 800. When the

nu
mb

er is rounded to the nearest ten, it is 840. What numbers am I thinking of?

A) 850, 851, 852, 853, 854

B) 845, 846, 847, 848, 849

C) 835, 836, 837, 838, 839

D) 840, 841, 842, 843, 844

362) _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

363) Why is the symbol, 0, important for base ten number system? 363) _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

364) Write this expression in words. 364) _____

$$7 + 13 = 20$$

- A) The difference between 7 and 13 is 20. B) The sum of 7 and 13 is 20.
C) The product of 7 and 13 is 20. D) The quotient of 7 and 13 is 20.

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

365) Write a response. 365) _____

Show that $45 \div 9 = 5$ is repeated subtraction.

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

366) Answer the question true or false. 366) _____

$$7^2 + 9^2 = (7 + 9)^2$$

- A) False B) True

367) In this expression, which symbol is the base? 367) _____

$$3^6$$

- A) 6 B) 3^6
C) 3 D) There is no base in this expression.

368) In this expression, which symbol is the exponent? 368) _____

$$7^2$$

- A) 7 B) 7^2
C) 2 D) There is no exponent in this expression.

369) Use one of the following names to identify the property illustrated by this expression: associative, commutative, identity, or distributive. 369) _____

$43 + 78 = 78 + 43$

$$43 + 78 = 78 + 43$$

- A) Distributive B) Identity C) Associative D) Commutative

370) Use one of the following names to identify the property illustrated by this expression: associative, commutative, identity, or distributive. 370) _____

$21 + 0 = 21$

$$21 + 0 = 21$$

- A) Identity B) Associative C) Distributive D) Commutative

371) Use one of the following names to identify the property illustrated by this expression: associative, commutative, identity, or distributive. 23 ×
(64 +
90) =

$$23 \times 64 + 23 \times 90$$

A) Identity

B) Distributive

C) Associative

D) Commutative

371) _____

Provide an appropriate response.

372) Write one hundred thirty-seven thousand five hundred thirty-four in standard form.

A) 137,534

B) 375,034

C) 1,307,534

D) 370,534

372) _____

- 373) Underline the digit that occupies the ten thousands place in 1,692,797. 373) _____
 A) 1,692,797 B) 1,692,797 C) 1,692,797 D) 1,692,797
 - - - -
- 374) Write 402,700,070 in words. 374) _____
 A) four hundred two million, seventy thousand, seventy
 B) four hundred two million, seven hundred thousand, seven hundred
 C) four hundred two million, seven hundred thousand, seventy
 D) four hundred two million, seventy thousand, seven
- 375) Round 493,749,428 to the nearest hundred thousand. 375) _____
 A) 500,000,000 B) 493,700,000 C) 493,800,000 D) 400,000,000
- 376) Find the sum of 1946 and 325. 376) _____
 A) 2261 B) 2271 C) 2171 D) 5196
- 377) Subtract 1573 from 8020. 377) _____
 A) 7557 B) 8557 C) 7553 D) 6447
- 378) Subtract: $60,000 - 18,329$ 378) _____
 A) 41,671 B) 62,781 C) 68,329 D) 58,329
- 379) Multiply: 128×403 379) _____
 A) 51,685 B) 51,283 C) 51,574 D) 51,584
- 380) Compute: $\frac{66,600}{37}$ 380) _____
 A) 1805 R 20 B) 1790 C) 1810 R 28 D) 1800
- 381) Find the quotient: $26 \overline{)22,463}$ 381) _____
 A) 863 R 9 B) 25 C) 863 R 25 D) 863
- 382) Evaluate: 11^4 382) _____
 A) 1331 B) 44 C) 4,194,304 D) 14,641
- 383) Write $3 \cdot 3 \cdot 5 \cdot 5 \cdot 5$ using exponents. 383) _____
 A) $3 \cdot 5$ B) $3^5 \cdot 5^5$ C) $2(3) \cdot 3(5)$ D) $3^2 \cdot 5^3$

Simplify.

- 384) $9 \cdot 8 + 6 \cdot 5^2$ 385) $52 -$
 A) 132 B) 222 C) 3150 D) 1260 $2^3 \cdot (11 -$

7)

A) 20

B) 176

C) 43

D) 48

384) _____

385) _____

Solve.

386) Last year the base model of a new car cost \$18,390. This year's model costs \$20,526. How much more does this year's model cost?

386) _____

A) \$38,916

B) \$37,916

C) \$2036

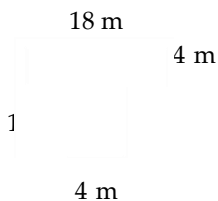
D) \$2136

387) A plot of land which is up for sale is advertised as being 25 acres. If there are 43,560 square feet in an acre, how many square feet does the plot of land cover? 387) _____
 A) 1,089,000 sq ft B) 1,089,500 sq ft C) 43,585 sq ft D) 1,088,750 sq ft

388) Francis has a total of \$3204 in her checking account. If she writes a check for each of the items below, how much money will be left in her account? 388) _____
 phone \$ 48
 rent \$750
 car \$429
 A) \$1227 B) \$1976 C) \$1967 D) \$1977

389) A florist filled four orders for wedding flowers and made the following amounts of money: \$206, \$632, and \$653. How much money on the average did she make per order? 389) _____
 A) \$522 B) \$572 C) \$546 D) \$422

390) Vinyl sheet flooring is to be installed in an area shaped as shown. If the vinyl flooring costs \$7 for each square meter, how much will it cost to cover the area? 390) _____



A) \$574 B) \$840 C) \$644 D) \$588

391) For lunch, you have an 8-ounce (oz) serving of skim milk, 1/3 cup of broccoli, and 2 cups of salmon salad. Based on the following table, how much more calcium do you need to reach the recommended 59 milligrams (mg)? 391) _____

Food	Quantity	Calcium Content
Skim milk	8 oz	28 mg
Broccoli	1 cup	21 mg
Salmon salad	1 cup	10 mg

A) 3 mg B) 27 mg C) 10 mg D) 4 mg

Answer Key

Testname: UNTITLED1

- 1) C
- 2) C
- 3) C
- 4) B
- 5) C
- 6) C
- 7) D
- 8) B
- 9) C
- 10) D
- 11) C
- 12) B
- 13) D
- 14) C
- 15) B
- 16) D
- 17) D
- 18) A
- 19) C
- 20) B
- 21) B
- 22) A
- 23) D
- 24) D
- 25) A
- 26) B
- 27) C
- 28) C
- 29) D
- 30) A
- 31) A
- 32) A
- 33) A
- 34) B
- 35) C
- 36) C
- 37) C
- 38) C
- 39) C
- 40) B
- 41) C
- 42) D
- 43) C
- 44) D
- 45) A
- 46) C
- 47) D
- 48) D
- 49) A
- 50) A

Answer Key

Testname: UNTITLED1

- 51) D
- 52) C
- 53) C
- 54) B
- 55) C
- 56) A
- 57) A
- 58) C
- 59) D
- 60) C
- 61) B
- 62) A
- 63) D
- 64) B
- 65) B
- 66) C
- 67) C
- 68) A
- 69) C
- 70) D
- 71) A
- 72) B
- 73) A
- 74) D
- 75) B
- 76) A
- 77) D
- 78) C
- 79) B
- 80) B
- 81) B
- 82) D
- 83) D
- 84) C
- 85) C
- 86) A
- 87) B
- 88) B
- 89) D
- 90) A
- 91) C
- 92) A
- 93) A
- 94) B
- 95) B
- 96) D
- 97) C
- 98) D
- 99) B
- 100) D

Answer Key

Testname: UNTITLED1

- 101) A
- 102) D
- 103) B
- 104) B
- 105) C
- 106) A
- 107) D
- 108) C
- 109) D
- 110) B
- 111) A
- 112) D
- 113) C
- 114) C
- 115) A
- 116) C
- 117) C
- 118) D
- 119) A
- 120) B
- 121) D
- 122) B
- 123) C
- 124) D
- 125) A
- 126) A
- 127) B
- 128) A
- 129) B
- 130) A
- 131) B
- 132) C
- 133) D
- 134) D
- 135) B
- 136) A
- 137) A
- 138) D
- 139) C
- 140) D
- 141) D
- 142) A
- 143) C
- 144) B
- 145) B
- 146) B
- 147) D
- 148) B
- 149) A
- 150) C

Answer Key

Testname: UNTITLED1

- 151) A
- 152) D
- 153) B
- 154) C
- 155) C
- 156) A
- 157) A
- 158) D
- 159) D
- 160) B
- 161) B
- 162) A
- 163) A
- 164) C
- 165) B
- 166) B
- 167) A
- 168) B
- 169) D
- 170) D
- 171) A
- 172) B
- 173) A
- 174) A
- 175) B
- 176) A
- 177) D
- 178) B
- 179) D
- 180) C
- 181) C
- 182) C
- 183) B
- 184) C
- 185) C
- 186) A
- 187) C
- 188) D
- 189) B
- 190) B
- 191) D
- 192) A
- 193) D
- 194) A
- 195) C
- 196) C
- 197) B
- 198) A
- 199) D
- 200) C

Answer Key

Testname: UNTITLED1

- 201) D
- 202) A
- 203) D
- 204) D
- 205) B
- 206) B
- 207) C
- 208) A
- 209) C
- 210) A
- 211) A
- 212) A
- 213) A
- 214) D
- 215) A
- 216) A
- 217) B
- 218) C
- 219) D
- 220) D
- 221) A
- 222) B
- 223) C
- 224) A
- 225) C
- 226) A
- 227) D
- 228) D
- 229) A
- 230) D
- 231) C
- 232) C
- 233) A
- 234) A
- 235) A
- 236) B
- 237) A
- 238) A
- 239) C
- 240) C
- 241) B
- 242) A
- 243) A
- 244) A
- 245) C
- 246) B
- 247) D
- 248) B
- 249) A
- 250) C

Answer Key

Testname: UNTITLED1

- 251) A
- 252) D
- 253) A
- 254) A
- 255) A
- 256) C
- 257) D
- 258) C
- 259) D
- 260) D
- 261) B
- 262) A
- 263) D
- 264) D
- 265) D
- 266) C
- 267) C
- 268) D
- 269) B
- 270) A
- 271) A
- 272) D
- 273) D
- 274) C
- 275) C
- 276) C
- 277) C
- 278) B
- 279) C
- 280) D
- 281) A
- 282) D
- 283) A
- 284) C
- 285) B
- 286) B
- 287) D
- 288) C
- 289) D
- 290) D
- 291) C
- 292) B
- 293) A
- 294) C
- 295) C
- 296) D
- 297) B
- 298) C
- 299) A
- 300) D

Answer Key

Testname: UNTITLED1

- 301) C
- 302) B
- 303) A
- 304) D
- 305) D
- 306) D
- 307) C
- 308) C
- 309) B
- 310) B
- 311) A
- 312) C
- 313) D
- 314) C
- 315) D
- 316) D
- 317) B
- 318) A
- 319) B
- 320) B
- 321) D
- 322) B
- 323) C
- 324) B
- 325) D
- 326) B
- 327) C
- 328) B
- 329) C
- 330) D
- 331) D
- 332) A
- 333) C
- 334) B
- 335) B
- 336) C
- 337) B
- 338) D
- 339) D
- 340) B
- 341) C
- 342) A
- 343) D
- 344) B
- 345) A
- 346) B
- 347) D
- 348) B
- 349) C
- 350) A

Answer Key

Testname: UNTITLED1

- 351) D
- 352) A
- 353) D
- 354) B
- 355) B
- 356) A
- 357) D
- 358) D
- 359) B
- 360) B
- 361) D
- 362) D
- 363) The symbol, 0, is a place holder and enables the reader to easily distinguish between 302, 3,002 and 320. Thus, identical symbols can be used for a variety of numbers.
- 364) B
- 365) 9 can be subtracted five times from 45.
- 366) A
- 367) C
- 368) C
- 369) D
- 370) A
- 371) B
- 372) A
- 373) D
- 374) C
- 375) B
- 376) B
- 377) D
- 378) A
- 379) D
- 380) D
- 381) C
- 382) D
- 383) D
- 384) B
- 385) A
- 386) D
- 387) A
- 388) D
- 389) A
- 390) B
- 391) D