Test Bank for Beginning and Intermediate Algebra 5th Edition by Tobey Slater Blair Crawford ISBN 0134173643 9780134173641

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Test Bank:

Solutions Manual:

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

Solve for x. Check your answers.

1) $x - 19 = 15$
   A) $x = -4$
   B) $x = -34$
   C) $x = 4$
   D) $x = 34$

   Answer: D

2) $-9 = x - 7$
   A) $x = -16$
   B) $x = 16$
   C) $x = -2$
   D) $x = 2$

   Answer: C

3) $x - 5 = 18$
   A) $x = 23$
   B) $x = -23$
   C) $x = -13$
   D) $x = 13$

   Answer: A

4) $x + 18 = 19$
   A) $x = 37$
   B) $x = -37$
   C) $x = 1$
   D) $x = -1$

   Answer: C

5) $-10 = x - 3$
   A) $x = -13$
   B) $x = -7$
   C) $x = 13$
   D) $x = 7$

   Answer: B

6) $x - 3 = 5$
   A) $x = -8$

B) $x = 2$

C) x = 8
D) x = -15

Answer: C

7) -16 = x - 14

A) x = -2
B) x = -30
C) x = 224
D) x = 2

Answer: A

8) 9 + 11 + x = 6 + 8
   A) x = -22
   B) x = -6
   C) x = 16
   D) x = 34
   Answer: B

9) 5 - 17 + 8 = 6 + x - 3
   A) x = -13
   B) x = 33
   C) x = 5
   D) x = -7
   Answer: D

10) 17 - 12 = x - 6
   A) x = 35
   B) x = -1
   C) x = 11
   D) x = 23
   Answer: C

Find the value of x that satisfies the equation.
   11) -0.6 + x = 17
      A) x = 17.1
      B) x = 16.4
      C) x = 17.6
      D) x = 15.9
      Answer: C

   12) 8.3 = 15 - x
      A) x = 6.7
      B) x = 22.8
      C) x = 23.3
      D) x = 6.2
      Answer: A

   13) 0.1 + x + 2.3 = 3.6
      A) x = 6
      B) x = 1.4
      C) x = 5.8
      D) x = 1.2
      Answer: D

   14) 2.9 = 21.6 - x
      A) x = 24
      B) x = 18.7
      C) x = 24.5
      D) x = 18.2
      Answer: B

15) $-7.5 + x = 17.2$

    A) $x = 9.7$
    B) $x = 9.2$
    C) $x = 24.2$
    D) $x = 24.7$

  Answer: D

16) $2\frac{1}{2} + x = 5$

    A) $x = 9$
    B) $x = 2$

    C) $x = \frac{11}{2}$

    D) $x = 2\frac{9}{}$

  Answer: D

17) $x + 7\frac{4}{7} = 7\frac{6}{7}$

    A) $x = 7\frac{5}{}$

    B) $x = \frac{10}{7}$

    C) $x = 2$

    D) $x = 7\frac{2}{}$

  Answer: D

18) $x - 2\frac{1}{} = 4\frac{3}{}$

    A) $x = 1$

    B) $x = 2\frac{1}{}$

    C) $x = 4\frac{5}{}$

    D) $x = 4\frac{1}{}$

  Answer: C

19) $x + 1\frac{1}{2} = 1\frac{2}{3}$

    A) $x = 2\frac{3}{}$

    B) $x = 6\frac{1}{}$

    C) x = 1

    D) $x = \frac{19}{6}$

Answer: B

20) $x - 2\frac{13}{4} = -8\frac{3}{}$

    A) $x = -6\frac{1}{}$

    B) $x = 6\frac{1}{}$

    C) $x = 12\frac{11}{}$

    D) $x = -12\frac{11}{}$

Answer: B

21) $\frac{3}{8} - \frac{1}{2} = x - \frac{3}{16}$

    A) $x = \frac{7}{32}$

    B) $x = 16\frac{17}{}$

    C) $x = \frac{1}{16}$

    D) $x = -\frac{5}{16}$

Answer: C

Determine if the given solution is correct. If it is not, find the solution.

    22) Is -5 the solution to -16 - 8 = x - 17?

        A) no; x = -7

        B) yes

        C) no; x = -41

        D) no; x = -25

    Answer: A

23) Is -5 the solution to x + 6 = 5 - 4?

    A) yes
    B) no; x = 3
    C) no; x = 7
    D) no; x = 15

Answer: A

24) Is 13 the solution to -4 + x = 10?

    A) yes
    B) no; x = -14
    C) no; x = 14
    D) no; x = 6

Answer: C

Solve for x. Be sure to reduce your answer. Check your solution.

25) $-3\frac{1}{3}x = -5$

    A) x = -9
    B) x = 15
    C) x = -8
    D) x = 1

Answer: B

26) $8\frac{1}{8}x = 0$

    A) x = 8
    B) x = 1
    C) x = -8
    D) x = 0

Answer: D

27) $4\frac{x}{4} = 5$

    A) x = 8
    B) x = 9
    C) x = 1
    D) x = 20

Answer: D

28) $\frac{3}{10}x = \frac{3}{10}$

    A) x = 3
    B) x = 13
    C) x = 1
    D) x = 12

Answer: C