math Antics Worksheets

Name: _____

Date: _____

Solving Basic Equations with Addition or Subtraction - Set 1

AB-SE1 1

Instructions: Use addition or subtraction to solve each equation.

1 $x + 5 = 16$

$-5 \quad -5$

$x = 11$

2 $x - 8 = 12$

$+8 \quad +8$

$x = 20$

3 $x - 10 = 4$

$+10 \quad +10$

$x = 14$

4 $3 + x = 18$

$-3 \quad -3$

$x = 15$

5 $29 = x - 11$

$+11 \quad +11$

$40 = x$

$x = 40$

6 $13 = x + 13$

$-13 \quad -13$

$0 = x$

$x = 0$

7 $12 - x = 5$

$+x \quad +x$

$12 = 5 + x$

$-5 \quad -5$

$7 = x$ or $x = 7$

8 $12 + x = 15$

$-12 \quad -12$

$x = 3$

9 $x - 9 = 23$

$+9 \quad +9$

$x = 32$

10 $25 - x = 11$

$+x \quad +x$

$25 = 11 + x$

$-11 \quad -11$

$14 = x$ or $x = 14$

11 $x + 18 = 31$

$-18 \quad -18$

$x = 13$

12 $x - 6 = 17$

$+6 \quad +6$

$x = 23$

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Solving Basic Equations with Addition or Subtraction - Set 2

AB-SE1 2

Instructions: Use addition or subtraction to solve each equation.

1 $7 + x = 19$

$-7 \quad -7$

$x = 12$

2 $14 - x = 5$

$+x \quad +x$

$14 = 5 + x$

$-5 \quad -5$

$9 = x$ or $x = 9$

3 $3 = x - 41$

$+41 \quad +41$

$44 = x$

$x = 44$

4 $14 + x = 26$

$-14 \quad -14$

$x = 12$

5 $45 - x = 32$

$+x \quad +x$

$45 = 32 + x$

$-32 \quad -32$

$13 = x$ or $x = 13$

6 $25 = x + 24$

$-24 \quad -24$

$1 = x$

$x = 1$

7 $39 - x = 12$

$+x \quad +x$

$39 = 12 + x$

$-12 \quad -12$

$27 = x$ or $x = 27$

8 $80 - x = 54$

$+x \quad +x$

$80 = 54 + x$

$-54 \quad -54$

$26 = x$ or $x = 26$

9 $x - 15 = 6$

$+15 \quad +15$

$x = 21$

10 $x - 3 = 75$

$+3 \quad +3$

$x = 78$

11 $11 + x = 30$

$-11 \quad -11$

$x = 19$

12 $x + 33 = 98$

$-33 \quad -33$

$x = 65$

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Solving Basic Equations (with decimals)

AB-SE1 3

Instructions: Use addition or subtraction to solve each equation. You can use a calculator to do the decimal arithmetic if you'd like to.

1 $x + 2.5 = 4.0$

$-2.5 \quad -2.5$

$x = 1.5$

2 $x - 0.6 = 1.1$

$+0.6 \quad +0.6$

$x = 1.7$

3 $3.1 = x - 1.5$

$+1.5 \quad +1.5$

$4.6 = x$

$x = 4.6$

4 $6.4 = x + 2.6$

$-2.6 \quad -2.6$

$3.8 = x$

$x = 3.8$

5 $1.7 - x = 1.2$

$+x \quad +x$

$1.7 = 1.2 + x$

$-1.2 \quad -1.2$

$0.5 = x$ or $x = 0.5$

6 $0.9 + x = 1.0$

$-0.9 \quad -0.9$

$x = 0.1$

7 $x - 3.6 = 1.4$

$+3.6 \quad +3.6$

$x = 5.0$

8 $1.05 + x = 2.2$

$-1.05 \quad -1.05$

$x = 1.15$

9 $x - 0.1 = 0.9$

$+0.1 \quad +0.1$

$x = 1.0$

10 $3.14 - x = 0.55$

$+x \quad +x$

$3.14 = 0.55 + x$

$-0.55 \quad -0.55$

$2.59 = x$ or $x = 2.59$

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Solving Basic Equations (with negative numbers)

AB-SE1 4

Instructions: Use addition or subtraction to solve each equation.

1 $x + 2 = -4$

$-2 \quad -2$

$x = -6$

2 $x - 8 = -3$

$+8 \quad +8$

$x = 5$

3 $-7 = x - 7$

$+7 \quad +7$

$0 = x$

$x = 0$

4 $-15 = x + 13$

$-13 \quad -13$

$-28 = x$

$x = -28$

5 $x - 10 = -1$

$+10 \quad +10$

$x = 9$

6 $-1 - x = -8$

$+x \quad +x$

$-1 = -8 + x$

$+8 \quad +8$

$7 = x$ or $x = 7$

7 $-25 + x = -8$

$+25 \quad +25$

$x = 17$

8 $-14 + x = 10$

$+14 \quad +14$

$x = 24$

9 $-30 - x = -25$

$+x \quad +x$

$-30 = -25 + x$

$+25 \quad +25$

$-5 = x$ or $x = -5$

10 $x - 20 = -6$

$+20 \quad +20$

$x = 14$