Name: _____

7th Grade Weekly Math Review Week 17

Solve each problem. Show your work.

1. the opposite of 10 = _____

2. $-|-3|$ = _____

3. $2\frac{2}{3} - \frac{1}{6}$ = _____

4. A town's population (in hundreds) changed from 50 to 12.5. Find the percent decrease.

   Answer: _____

5. $-\frac{5}{6} \times \left(-\frac{3}{5}\right)$ = _____

6. $1.5 + (-7.5)$ = _____

7. Mia earns $80 for 10 hours of babysitting. What is the constant of proportionality?

   Answer: _____

8. $-\frac{3}{5} \times \frac{5}{6}$ = _____

9. $5x + 3x - 5$ = _____

10. $8x + 1x - 8$ = _____

11. $9(x - 2)$ = _____

12. $4(x - 1)$ = _____

Name: **ANSWER KEY**

7th Grade Weekly Math Review Week 17

Solve each problem. Show your work.

1. the opposite of 10 = -10

2. $-|-3| = -3$

3. $2\frac{2}{3} - \frac{1}{6} = 2\frac{1}{2}$

4. A town's population (in hundreds) changed from 50 to 12.5. Find the percent decrease.

   Answer: 75% decrease

5. $-\frac{5}{6} \times \left(-\frac{3}{5}\right) = \frac{1}{2}$

6. $1.5 + (-7.5) = -6$

7. Mia earns $80 for 10 hours of babysitting. What is the constant of proportionality?

   Answer: 8 dollars per hour

8. $-\frac{3}{5} \times \frac{5}{6} = -\frac{1}{2}$

9. $5x + 3x - 5 = 8x - 5$

10. $8x + 1x - 8 = 9x - 8$

11. $9(x - 2) = 9x - 18$

12. $4(x - 1) = 4x - 4$