

Pre Algebra - Practice Worksheet

Name: _____ Date: _____

Instructions: Solve each problem. Show your working in the space provided. Check your answers using the Answer Key on the reverse side.

1. Simplify: $-8 + 3$

.....

2. Simplify: $-4 * (-6)$

.....

3. Simplify: $3/4 + 1/2$

.....

4. Simplify: $2/3 * 9/4$

.....

5. Write as a decimal: $3/8$

.....

6. Evaluate: $3x - 5$ when $x = 4$

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7. Solve for x: $x + 9 = 15$

.....

8. Solve for x: $3x = 24$

.....

9. Solve for x: $x/5 - 2 = 3$

.....

10. A ratio of boys to girls is 3:5. If there are 24 boys, how many girls are there?

.....

Answer Key

1. -5

2. 24

3. $5/4$ (or 1 and $1/4$)

4. $3/2$ (or 1 and $1/2$)

5. 0.375

6. 7

7. $x = 6$

8. $x = 8$

9. $x = 25$

10. 40 girls