

End of Chapter 2 Review

Name: _____

Formulas

Solve for the indicated variable

1. Area of a Rectangle

Solve for W: $A = LW$

2. Circumference of a Circle

Solve for r: $C = 2\pi r$

3. Perimeter of a Square

Solve for s: $P = 4s$

4. Distance

Solve for r: $d = rt$

5. Ohm's Law

Solve for R: $E = IR$

6. Area of a Triangle

Solve for b: $A = \frac{1}{2}bh$

7. Solve for y: $-3x + y = 8$

8. Solve for y: $y + 7x = 4$

9. Solve for y: $6x + 3y = -12$

Rates and Ratios

Find the unit rate

1. \$2 for 5 cans of vegetables

2. \$67.50 for 3 concert tickets

3. \$2.39 for 10 apples

4. \$14 cups of flour for 4 loaves of bread

5. 32 ounces for 4 servings

6. 144 bottles in 12 cartons

7. Fly 780 miles in 2 hours

8. Drive 1440 miles in 3 days

9. Read 115 pages in 2.5 hrs

Percents

Write each percent as a decimal

1. $28\% =$ _____

2. $80\% =$ _____

3. $4\% =$ _____

4. $122\% =$ _____

Solve the percent problem

5. What number is 15% of 60?

6. 24 is what percent of 200?

7. 66 is 11% of what number?

8. What number is 32% of 500?

9. 6 is 5% of what number?

10. 16 is what percent of 25?

11. 308 is what percent of 350?

12. 36 is 45% of what number?

13. What number is 60% of 300?