Remembering

Find the unknown number in each equation below.

1. $6h + 3h = 63$

   $h =$ _____

2. $5(4 \times 2) = g$

   $g =$ _____

3. $l = (2 \times 8) - (3 \times 2)$

   $l =$ _____

4. $m + 3m = 28$

   $m =$ _____

5. $56 \div r = 8$

   $r =$ _____

6. $\frac{1}{8}b = 6$

   $b =$ _____

7. $s = 9(7 - 2)$

   $s =$ _____

8. $4d + d = 45$

   $d =$ _____

9. $8w - 4w = 20$

   $w =$ _____

Write *odd* or *even*.

10. The product of two even numbers is an _____ number.

11. The product of an odd number and an even number is an _____ number.

12. The product of two odd numbers is an _____ number.

Write an equation and use it to solve the problem.

13. A rectangle has an area of 48 sq cm and a length of 16 cm. What is the width of the rectangle?

    _____

14. A rectangle has a width of 10 inches and an area of 5 square inches. What is the length of the rectangle?

    _____

Solve. Explain your answer.

15. A stamp collector is arranging 100 stamps in rows with the same number of stamps in each row. How many different ways could she arrange the stamps if she would like more than 2 rows but fewer than 10 rows?

    _____

    _____

    _____

Multistep Problems

Name _____ Date _____

Homework

Solve. *Show your work.*

1. A fruit company makes two gift boxes of oranges—the Ruby Box and the Emerald Box. The Ruby Box has 8 rows and 6 columns of oranges. The Emerald Box has 7 rows and 7 columns of oranges. Which box has more oranges? How many more?

_____

2. On his camping trip, Gus saw 18 hawks. He saw 6 times as many hawks as owls. How many owls did Gus see?

_____

3. Melissa collected three kinds of autumn leaves when she was out walking today—elm, maple, and oak. She has 2 times as many maple leaves as elm leaves and 5 times as many oak leaves as elm leaves. Altogether, she has 32 leaves. How many of each kind does she have?

_____

4. Everyone at Luke's party has 2 balloons except Ashley, because one of her balloons popped. There are 17 balloons at the party. How many people are at the party?

_____

5. Patty bought 5 harmonicas for 3 dollars each and 4 whistles for 3 dollars each. How much money did Patty spend?

_____

Find the unknown number in each equation. Write a 1 in front of an unknown that is alone if it will help you.

6. $c + 3c = 32$ _____

7. $6d - 3d + 2d = 35$ _____

8. $5a - a - 2a = 18$ _____