Name _____   Date _____

The following shows how place value and money are related.

ones	.	tenths	hundredths	thousandths
($1.00)		(dimes)	(pennies)	(tenths of a penny)

Write each fraction as a decimal and then say it.

1. $\frac{349}{1,000}$ _____

2. $\frac{6}{10}$ _____

3. $\frac{58}{100}$ _____

4. $\frac{27}{1,000}$ _____

5. $\frac{2}{10}$ _____

6. $\frac{9}{100}$ _____

7. $\frac{6}{1,000}$ _____

8. $\frac{71}{100}$ _____

9. $\frac{90}{100}$ _____

10. $\frac{843}{1,000}$ _____

11. $\frac{5}{10}$ _____

12. $\frac{4}{100}$ _____

13. $\frac{1}{1,000}$ _____

14. $\frac{45}{100}$ _____

15. $\frac{896}{1,000}$ _____

16. $\frac{58}{1,000}$ _____

Solve.

17. A large building has 1,000 windows, and 5 of the windows need to be replaced. What decimal represents the number of windows that need to be replaced?

_____

18. At a reception, 23 of 100 pieces of wedding cake have been eaten. What decimal number represents the number of pieces of cake that have been eaten?

_____

19. Jody made 10 party invitations. Yesterday she mailed 4 of them. What decimal represents the number of invitations that have been mailed?

_____

20. There are 1,000 vehicles in a stadium parking lot; 422 of the vehicles are trucks. What decimal represents the number of vehicles that are trucks?

_____

Name _____ Date _____

Solve for each unknown.

1. $9 \times w = 63$

   $w =$ _____

2. $42 \div 7 = c$

   $c =$ _____

3. $q \times 8 = 40$

   $q =$ _____

4. $k \div 6 = 9$

   $k =$ _____

5. $7d = 56$

   $d =$ _____

6. $28 \div 4 = x$

   $x =$ _____

7. $6 \cdot 8 = h$

   $h =$ _____

8. $36 \div z = 9$

   $z =$ _____

9. $8 \cdot g = 72$

   $g =$ _____

In each table, write a multiplication rule. Include two variables in each rule you write. Then complete the table.
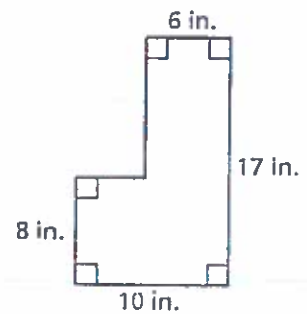
10. Rule:

Number of packages (p)	3	5	8		11
Number of erasers (e)	27		72	90	

11. Rule:

Number of rows (r)	2	4	6		
Number of seats (s)	16	32		64	88

Solve.

12. Lyle found the area of the figure on the right to be 34 in.² and the perimeter to be 40 in. Is he correct? If not, explain how to find each correct answer.

   _____

   _____

6 in.

17 in.

8 in.

10 in.

13. Julio earned $\frac{1}{4}$ the number of points as Paulos. If Julio earned 8 points, how many points did Paulos earn?

   _____

Decimals as Equal Divisions