Name _____ Date _____

I can accurately use a variable for the unknown number in my division or multiplication equation that matches the model to solve the problem.   /7

1. Solve 4 X 7 = _____. Show the strategy you used below.

2. Solve 27 ÷ ____ = 3. Show your strategy below.

3. Describe two different ways you can model 36 ÷ 4 = ____. Solve.

4. Decide if putting the number 8 in the box makes each equation true. Choose *Yes* or *No* for each equation.

	Yes	No
$36 \div \square = 6$	A	B
$\square \times 4 = 24$	C	D
$40 \div 5 = \square$	E	F
$7 \times \square = 56$	G	H

5. Solve 8 X 7 = _____. Show a strategy below to solve.

6. What is the product of 2, 9, and 5? Solve and show your work.

I can identify the important words that signal this is a multiplication or division word problem. I can accurately write a multiplication or division equation that matches the model to solve the problem.

7. Isis practiced for 48 hours this month. She practiced for 8 days. How many hours did she practice each day? Solve and write an equation.

8. Kay is planting strawberries. She plants 50 strawberry plants in each row. How many strawberry plants will she plant in 6 rows?

    A 30

    B 300

    C 56

    D 560

9.

Sam has bottles of water for soccer practice. The table shows the sizes of the bottles and the number of bottles he has. How many bottles of water does Sam have in all?

Size	Number of Bottles
Small	6
Medium	6
Large	6

Write a multiplication equation that can be used to answer the question. Write your answer in the blanks.

_____ X _____ = _____

10. An art classroom has 5 tables. 10 students sit at each table. La says she can find the number of students because she knows 10 × 5. What is another multiplication fact she could use to solve the problem? Solve the equation.

_____

11. Lyle has 6 plates. He puts 9 cookies on each plate. How many cookies does Lyle have in all? Write an equation and solve.

12.

Which problem can be solved using the division equation $24 \div 3 = \square$?

Ⓐ Karin buys 24 bunches of bananas. Each bunch has 3 bananas in it. How many bananas does Karin buy?

Ⓑ Karin starts with 24 bananas. After making 3 loaves of banana bread, she has 8 bananas left. How many bananas does Karin use to make the bread?

Ⓒ Karin uses 8 bananas to make banana bread. She uses 3 bananas to make a smoothie. How many bananas does Karin use in all?

Ⓓ Karin buys 24 bananas. She puts an equal number of bananas into 3 bowls. How many bananas are in each bowl?

I can show how multiplication and division are connected through a fact family.

13. Solve $32 \div 4 = ?$. Create a fact family to go with it as well.

_____

_____

_____

_____

14. What value makes both equations true? Write your answer in the blank.

$24 \div 3 = ?$

$3 \times ? = 24$

$? =$ _____

15. Complete the fact family. Write your answers in the blanks.

$9 \times$ _____ $= 45$ $45 \div 5 =$ _____

$5 \times 9 =$ _____   _____ $\div 9 = 5$

I can find the rule for a pattern.

16. Kesia sees a pattern in the shaded part of the chart below.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

Part A

Which rule can be used to find the next shaded number in the pattern?

Ⓐ add 4

Ⓑ add 8

Ⓒ add 10

Ⓓ add 20

Part B

Are the shaded numbers even or odd?

_____