



WATCH ME FIRST!



We can solve the 8s facts using the related 4s facts:

- 1st – Identify the related 4s fact (replace the 8 with a 4) and solve.
- 2nd – Double the product of the related 4s facts.
- 3rd – Solve the related 8s facts problem.

EXAMPLE: Find the product of 8×3 .

STEP 1

4×3 is related to 8×3

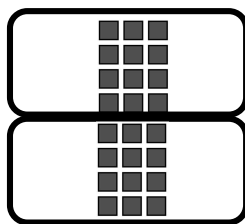
$4 \times 3 = 12$



STEP 2

Double 12

$12 + 12 = 24$



STEP 3

The product of $8 \times 3 = 24$



LET'S WORK TOGETHER!

1) Find the product of 8×4 . Complete the steps by drawing models and filling in the chart.

STEP 1

_____ is related to _____

_____ \times _____ = _____

STEP 2

Double _____

_____ + _____ = _____

STEP 3

The product of $8 \times 4 =$ _____



LET'S WORK TOGETHER! (continued)

2) Find the product of 8×5 . Complete the steps by drawing models and filling in the chart.

STEP 1

_____ is related to _____
_____ \times _____ = _____

STEP 2

Double _____
_____ + _____ = _____

STEP 3

The product of $8 \times 5 =$ _____

Directions: Fill in the multiplication chart below using information from Problems 1 and 2.

	4s Facts	8s Facts
x1	4	8
x2	8	16
x3	12	24
x4		
x5		

3) Look at the multiplication chart above. What patterns do you notice between the 4s and 8s facts?



YOUR TURN!

Directions: For problems 1 – 7 find the products by drawing models and filling in the steps. Next fill in the multiplication chart.

	4s Facts	8s Facts
x1	4	8
x2	8	16
x3	12	24
x4	16	32
x5	20	40
x6		
x7		
x8		
x9		
x10		
x11		
x12		

1) Find the product of 8×6 .

STEP 1

_____ is related
to _____

STEP 2

Double _____

___ + ___ = ___

STEP 3

The product of
_____ = _____

2) Find the product of 8×7 .

STEP 1

_____ is related
to _____

STEP 2

Double _____

___ + ___ = ___

STEP 3

The product of
_____ = _____

3) Find the product of 8×8 .

STEP 1

_____ is related to _____

STEP 2

Double _____

___ + ___ = ___

STEP 3

The product of _____ = _____



YOUR TURN! (continued)

4) Find the product of 8×9 .

STEP 1

_____ is related to _____

STEP 2

Double _____ . _____ + _____ = _____

STEP 3

The product of _____ = _____

5) Find the product of 8×10 .

STEP 1

_____ is related to _____

STEP 2

Double _____ . _____ + _____ = _____

STEP 3

The product of _____ = _____

6) Find the product of 8×11 .

STEP 1

_____ is related to _____

STEP 2

Double _____ . _____ + _____ = _____

STEP 3

The product of _____ = _____

7) Find the product of 8×12 .

STEP 1

_____ is related to _____

STEP 2

Double _____ . _____ + _____ = _____

STEP 3

The product of _____ = _____



EXTRA PRACTICE LESSON 7

MULTIPLICATION

8 TIMES TABLES ACTIVITY

Name: _____

Date: _____

Directions: Glue the "Related Facts" cards in the correct boxes. Solve the equation.

1) Use related facts to solve.

$$4 \times 8$$

$$4 \times 4 = 16$$

AND

$$16 + 16 = 32$$

$$\text{So... } 4 \times 8 = \underline{32}$$

2) Use related facts to solve.

$$8 \times 5$$

GLUE HERE

AND

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{So... } 8 \times 5 = \underline{\quad}$$

3) Use related facts to solve.

$$8 \times 6$$

GLUE HERE

AND

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{So... } 8 \times 6 = \underline{\quad}$$

4) Use related facts to solve.

$$8 \times 3$$

GLUE HERE

AND

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{So... } 8 \times 3 = \underline{\quad}$$

5) Use related facts to solve.

$$8 \times 12$$

GLUE HERE

AND

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{So... } 8 \times 12 = \underline{\quad}$$

6) Use related facts to solve.

$$7 \times 8$$

GLUE HERE

AND

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{So... } 7 \times 8 = \underline{\quad}$$

7) Use related facts to solve.

$$8 \times 8$$

GLUE HERE

AND

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{So... } 8 \times 8 = \underline{\quad}$$

8) Use related facts to solve.

$$10 \times 8$$

GLUE HERE

AND

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{So... } 10 \times 8 = \underline{\quad}$$

9) Use related facts to solve.

$$8 \times 9$$

GLUE HERE

AND

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{So... } 8 \times 9 = \underline{\quad}$$



RELATED FACTS CUT-OUTS

$$4 \times 9 = 36$$

$$7 \times 4 = 28$$

$$4 \times 6 = 24$$

$$4 \times 5 = 20$$

$$4 \times 12 = 48$$

$$10 \times 4 = 40$$

$$4 \times 8 = 32$$

$$4 \times 3 = 12$$