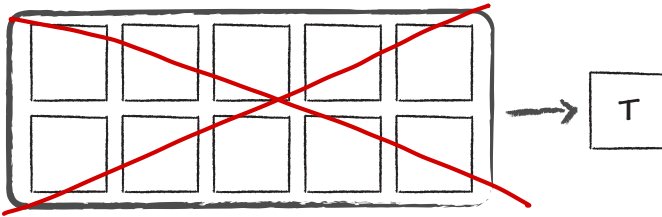


# Share and Show

Math Board

1. Use the drawing to find  $2 \times 500$ .



$2 \times 500 = 1000$

Math Talk

**MTR 3.1** Complete tasks with mathematical fluency.

Look for Structure to tell how you would use place value to find  $2 \times 500$ .

Complete the pattern.

2.  $3 \times 8 = 24$

$3 \times 80 = 240$

$3 \times 800 = 2400$

$3 \times 8,000 = 24,000$

3.  $6 \times 2 = 12$

$6 \times 20 = 120$

$6 \times 200 = 1200$

$6 \times 2,000 = 12,000$

4.  $4 \times 5 = 20$

$4 \times 50 = 200$

$4 \times 500 = 2000$

$4 \times 5,000 = 20,000$

Find the product.

5.  $6 \times 500 = 6 \times 5$  hundreds  
 $= 30$  hundreds  
 $= 3,000$

6.  $9 \times 5,000 = 9 \times 5$  thousands  
 $= 45$  thousands  
 $= 45,000$

# On Your Own

Find the product.

7.  $7 \times 6,000 = 42,000$

8.  $4 \times 80 = 320$

9.  $3 \times 500 = 1,500$

**MTR** Find the unknown factor.

10. \_\_\_\_\_  $\times 9,000 = 63,000$

11.  $7 \times$  \_\_\_\_\_  $= 56,000$

12.  $8 \times$  \_\_\_\_\_  $= 3,200$

13. **MTR** How does the number of zeros in the product of 8 and 5,000 compare to the number of zeros in the factors? Explain.

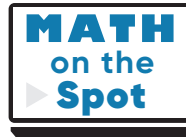
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# UNLOCK the Problem Real World



14. Joe's Fun and Sun rents beach chairs. The store rented 300 beach chairs <sup>every</sup> month in April and in May. The store rented 600 beach chairs <sup>every</sup> month from June through September. How many beach chairs did the store rent during the 6 months?

a. What do you need to know? \_\_\_\_\_

b. How will you find the number of beach chairs? \_\_\_\_\_

c. Show the steps you use to solve the problem.

Apr - 300	$2 \times 300 = 600$
May - 300	
Jun - 600	$4 \times 600 = 2400$
Jul - 600	
Aug - 600	
Sep - 600	

d. Complete the sentences.

For April and May, a total of 600 beach chairs were rented.

For June through September, a total of 2,400 beach chairs were rented.

Joe's Fun and Sun rented  $2,400 + 600 = 3000$  beach chairs during the 6 months.

15. Sveta makes bead necklaces. Beads are packaged in bags of 50 and bags of 200. Sveta bought 4 bags of 50 beads and 3 bags of 200 beads. How many beads did Sveta buy? \_\_\_\_\_

$(50) (50) (50) (50) \rightarrow 50 \times 4 = 200$   
 $(200) (200) (200) \rightarrow 200 \times 3 = 600$   
total = 200 + 600 = 800

16. Hyori has 3 books of 20 stamps and 5 books of 10 stamps. How many stamps does Hyori have? Complete the steps using the numbers on the tiles. Numbers can be used more than once.

\_\_\_\_\_  $\times 20 =$  \_\_\_\_\_  
 \_\_\_\_\_  $\times 10 =$  \_\_\_\_\_  
 \_\_\_\_\_  $+$  \_\_\_\_\_  $=$  \_\_\_\_\_

3	5
110	50
60	100