

# Multiplication with 5s and 10s

Complete the number sentences. Use tools like *Centimeter Grid Paper*, a *200 Chart*, square-inch tiles, counters, drawings, number lines, your multiplication table, and *My Patterns for Remembering the Facts* chart. Be ready to explain your reasoning.

1. A.  $5 \times 4 = 4 \times \square$

B.  $5 \times 4 = \square$

2. A.  $\square \times 7 = 7 \times 10$

B.  $7 \times 10 = \square$

3. A.  $5 \times \square = 5$

B.  $\square \times 10 = 10$

4. A.  $5 \times \square = 0$

B.  $0 \times \square = 0$

5. A.  $4 \times 5 = 2 \times \square$

B.  $4 \times 5 = \square$

6. A.  $6 \times 5 = 3 \times \square$

B.  $6 \times 5 = \square$

7. A.  $3 \times 10 = \square \times 5$

B.  $3 \times 10 = \square$

8. A.  $8 \times 5 = \square \times 10$

B.  $8 \times 5 = \square$

9. A.  $7 \times 5 = 6 \times 5 + \square$

B.  $7 \times 5 = \square$

10. A.  $9 \times 5 = 10 \times \square - 5$

B.  $9 \times 5 = \square$

**11.** Tell whether each of the number sentences is true or false.

	True	False
<b>A.</b> $7 \times 5 = 5 \times 7$		
<b>B.</b> $5 \times 9 = 5 \times 8 + 5$		
<b>C.</b> $10 \times 2 = 5 \times 3$		
<b>D.</b> $0 \times 5 = 0 \times 10$		

**E.** Rewrite part of the false number sentence to make it true.



### Check-In: Questions 12–15

**12.** Show or tell how you solved Question 3A.

**13.** Show or tell how you solved Question 4A.

**14.** Choose another problem in the B column. Use another strategy or a pattern to check your answer. Show or tell what you did. Write the number sentence.

**15.** How can Question 10A help you solve Question 10B?

Name \_\_\_\_\_ Date \_\_\_\_\_

Multiplication Number Sentences

**Multiplication with 5s and 10s  
Check-In: Questions 12–15  
Feedback Box**

	Expectation	Check In	Comments
Find and use strategies to solve multiplication facts.	<b>E2</b>		
Use the multiplication properties of 0 and 1.	<b>E3</b>		
Use turn-around facts.	<b>E4</b>		
Use patterns to solve the multiplication facts.	<b>E5</b>		
Break products into the sum of simpler products to solve multiplication facts.	<b>E6</b>		

SAB • Grade 3 • Unit 8 • Lesson 8

Yes . . .

Yes, but . . .

No, but . . .

No . . .

	Yes . . .	Yes, but . . .	No, but . . .	No . . .
<b>MPE2. Find a strategy.</b> I choose good tools and an efficient strategy for solving the problem.				
<b>MPE5. Show my work.</b> I show or tell how I arrived at my answer so someone else can understand my thinking.				