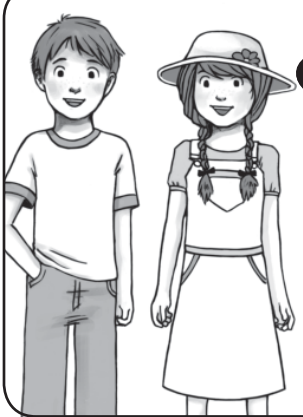



# Multiply with 2 & 5; Commutative Property

Name \_\_\_\_\_




You can think of a multiplication fact 2 ways.

**Commutative Property of Multiplication:**  
The order of factors can be changed without changing the product.







$4 \times 2 = 8$   
sets in each set total

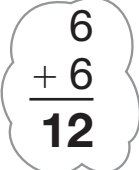
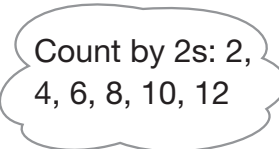
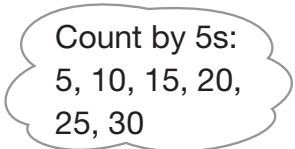


$2 \times 4 = 8$   
sets in each set total

Use the Commutative Property to write the related multiplication fact.

1.  $3 \times 2 = \underline{6}$       2.  $4 \times 5 = \underline{6}$  

$\underline{2} \times \underline{3} = \underline{6}$        $\underline{5} \times \underline{4} = \underline{6}$  

<p>When 2 is a factor, you can double the other factor.</p> $\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$ 	<p>When 2 is a factor, you can count by 2s.</p> $\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$ 	<p>When 5 is a factor, you can count by 5s.</p> $\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$ 
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Multiply. Write the product.

3. $\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$	4. $\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	5. $\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$	6. $\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$	7. $\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$	8. $\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$
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Use the *count by* strategy. Write the product. **Counting may vary.**

9.  $5 \times 2 = \underline{10}$      10.  $3 \times 5 = \underline{15}$      11.  $3 \times 2 = \underline{6}$

2 4 6 8 10
5 10 15
2 4 6

Draw a picture to solve.

12. Steve needed to make 4 rows of 5 chairs. How many chairs did he need?

picture space

**$4 \times 5 = 20$  chairs**