

Factoring

Name _____

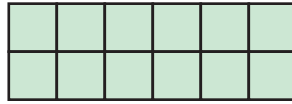
Key Concept and Vocabulary



$12 = 1 \times 12$

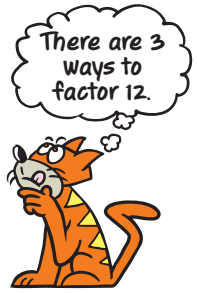
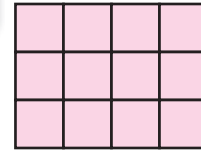


$12 = 2 \times 6$



factors

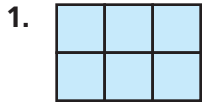
 $12 = 3 \times 4$



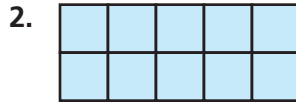
PRACTICE MAKES PURR-FECT™

Check your answers at BigIdeasMath.com.

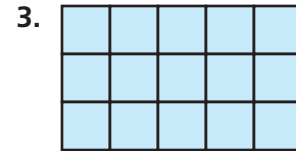
Write the factors shown by the rectangle.



$6 = \square \times \square$



$10 = \square \times \square$

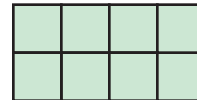


$15 = \square \times \square$

4. Factor 8 in 2 ways.



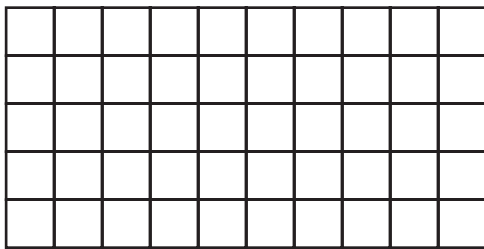
$8 = \square \times \square$



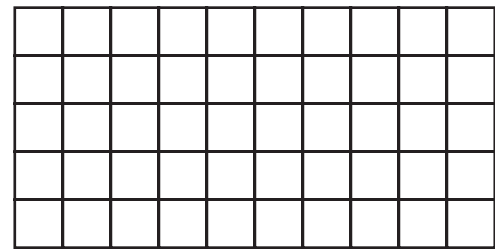
$8 = \square \times \square$

Draw and shade a rectangle that shows the factors.

5. $30 = 5 \times 6$



6. $27 = 3 \times 9$



7. **STARS AND STRIPES** Which American flag shows one way to factor 48? Circle the correct answer.

1959 Flag

1960 Flag



1959 Flag



1960 Flag