Name _____ Date _____

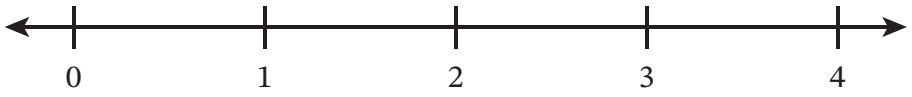
3

Use the number line to find the product. Then write a repeated addition sentence to check your work. Write your answer as a whole number when possible.

1. $\frac{1}{2} \times 4 =$ _____

_____ = _____

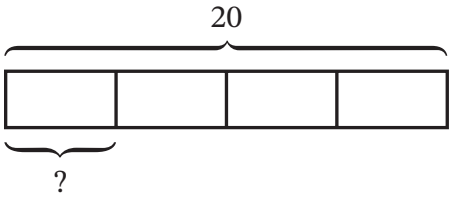
2. $\frac{3}{4} \times 4 =$ _____



_____ = _____

3. Use the tape diagram to fill in the blanks. Then complete the equation to find the product. Write your answer as a whole number when possible.

a. $\frac{1}{4} \times 20$

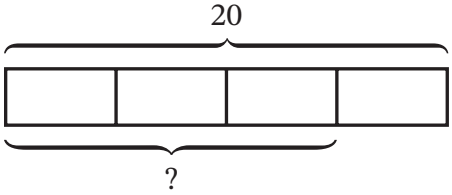


$1 \times \left(\frac{1}{4} \times 20\right) = 1 \times$ ____

= _____ × _____

= _____

b. $\frac{3}{4} \times 20$



$3 \times \left(\frac{1}{4} \times 20\right) =$ _____ × ____

= _____ × _____

= _____

Fill in the blanks. Then complete the equation to find the product.

4. $\frac{1}{5}$ of 15 is 1 part when _____ is partitioned into 5 equal parts.

   $\frac{1}{5} \times 15 = 1 \times \frac{\square}{5} =$ _____ × _____ = _____

5. $\frac{3}{5}$ of 15 is _____ parts when _____ is partitioned into _____ equal parts.

   $\frac{3}{5} \times 15 =$ _____ × $\frac{\square}{\square}$ = _____ × _____ = _____

Multiply. Write your answer as a whole number when possible.

6. $\frac{3}{4} \times 60 =$ _____

7. $\frac{5}{9} \times 6 =$ _____

8. $\frac{2}{5} \times 8 =$ _____

9. $\frac{7}{8} \times 64 =$ _____

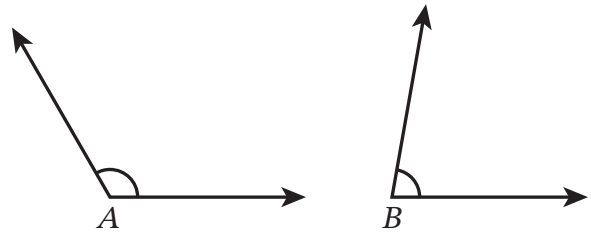
10. $\frac{5}{6} \times 18 =$ _____

11. $\frac{3}{8} \times 12 =$ _____

12. $\frac{3}{4} \times 12 =$ _____

13. $\frac{4}{5} \times 60 =$ _____

14. The measure of $\angle A$ is 120°. The measure of $\angle B$ is $\frac{2}{3}$ of the measure of $\angle A$. What is the measure of $\angle B$?



15. The trampoline park sold 84 tickets. $\frac{5}{7}$ of the tickets sold were for children. How many of the tickets sold were for children?

16. Blake correctly found $\frac{3}{4} \times 36 = 27$. He was surprised that his answer was less than 36 because he thought multiplication resulted in a number greater than both factors. Explain why Blake's answer was less than 36.