MIXED PRACTICE

This Mixed Practice worksheet includes two sections: Spaced Review and End-of-Topic Review. **Use a separate piece of paper to show your work.**

Spaced Review

{ Practice concepts from previous topics.

1 Estimate and then calculate each product.

(a) 625 × 34 (b) 1014 × 59

2 Add or subtract.

(a) $\frac{4}{5} + \frac{1}{6}$ (b) $5\frac{1}{2} + \frac{2}{3}$

3 Round each number to the nearest hundred thousand and nearest million.

(a) 4,472,819

(b) 26,738,932

4 A square has a side length of 6 inches. Leslie draws a rectangle with the same area as the square that has a perimeter less than 30 inches. If Leslie's rectangle is not a square, what are the dimensions of her rectangle?

5 Calculate the area of each rectangle.

(a) Width = 5 feet, Length = 7 feet

(b) Width = 8 feet, Length = 9 feet

6 Write a numerator or a denominatorin each statement to create anequivalent fraction.

(a) $\frac{3}{8} = \frac{\square}{32}$ (b) $\frac{3}{7} = \frac{27}{\square}$

7 State whether each expression is equivalent to (5 × 17) × 2. Explain your reasoning.

(a) 5 × (17 × 2) (b) (5 × 2) × 17

(c) (5 × 17) + (5 × 2)

End-of-Topic Review

AVAILABLE ONLINE

1. A **Topic Summary** reviews the main concepts for the topic.
2. A video of the **worked example** is provided.

{ Practice concepts you learned in **The Statistical Process**.

8 For parts (a) and (b), write two different questions about books that will yield the given type of data. Then complete parts (c) through (f).

(a) Categorical data (b) Numeric data

(c) Create a sample display for a random set of categorical data that answers the statistical question you wrote in part (a).

(d) What conclusion can you draw from the sample data in your data display in part (c)?

(e) Create a sample display for a random set of numeric data that answers the statistical question you wrote in part (b).

(f) What conclusion can you draw from the sample data in your data display in part (e)?