

Independent Practice

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Simplify. (Examples 1 and 2)

1. $\frac{1}{2} \div \frac{2}{3} =$ _____

2. $\frac{2}{3} \div \frac{2}{11} =$ _____

3. $\frac{8}{9} \div \frac{6}{6} =$ _____

4. $\frac{2}{5} \div \frac{9}{9} =$ _____

5. $\frac{4}{5} \div \frac{10}{10} =$ _____

6. $\frac{1}{4} \div \frac{7}{10} =$ _____

7. Mary is making pillows for her Life Skills class. She bought $2\frac{1}{2}$ yards of fabric. Her total cost was \$15. What was the cost per yard? (Examples 3 and 4)

8. Doug entered a canoe race. He rowed $3\frac{1}{2}$ miles in $\frac{1}{2}$ hour. What is his average speed in miles per hour? (Examples 3 and 4)

9. Monica reads $7\frac{1}{2}$ pages of a mystery book in 9 minutes. What is her average reading rate in pages per minute? (Examples 3 and 4)

Write each percent as a fraction in simplest form. (Example 5)

10. $56\frac{1}{4}\% =$ _____

11. $15\frac{3}{5}\% =$ _____

12. $13\frac{1}{3}\% =$ _____

13. A bank is offering home loans at an interest rate of $5\frac{1}{2}\%$. Write the percent as a fraction in simplest form. (Example 5)
