



Starter

Name: _____

Per. _____

Find each quotient. Write in simplest form.

1. $\frac{1}{2} \div \frac{6}{7}$

2. $\frac{2}{9} \div \frac{1}{4}$

3. $\frac{3}{10} \div \frac{1}{5}$

4. $8 \div \frac{4}{5}$

5. $3\frac{3}{10} \div 1\frac{5}{6}$

Write the ratio as a unit rate.

6. A car traveled 500 miles on 25 gallons of gas. How many miles per gallon?

7. Sue typed 90 words in 4 minutes. How many words per min?

8. Frank ate 9 hamburgers in a half hour. How many hamburgers per minute?



1.3 Practice

Write each ratio as a fraction in simplest form.

1. $\frac{1}{3}$ to 4

2. $\frac{4}{8}$ to 2

3. $\frac{5}{7}$ to 5

4. $\frac{6}{11}$ to 3

5. $\frac{2}{5}$ to 6

7. $\frac{\frac{3}{7}}{\frac{1}{2}}$

8. $\frac{\frac{4}{5}}{\frac{4}{3}}$

9. $\frac{\frac{5}{6}}{\frac{7}{8}}$

10. $\frac{\frac{9}{10}}{\frac{12}{5}}$

11. $\frac{\frac{11}{4}}{\frac{2}{3}}$

12. A model plane is $3\frac{1}{2}$ in. wide. The actual plane is $2\frac{1}{3}$ ft. wide. What is the ratio of the width of the model plane to the width of the actual plane in simplest form?

13. The length of a room is $7\frac{1}{3}$ yards. In a blue print the length of the room is $2\frac{1}{2}$ feet. What is the ratio of the length of the room in the blue print to the actual length of the room in simplest form?

14. The model of a toy is $2\frac{1}{2}$ in. tall. The actual toy is $4\frac{1}{4}$ ft. tall. What is the ratio of the height of the model to the height of the actual toy in simplest form?