

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Ratios and Rates

Express each ratio as a fraction in the simplest form.

1) 32 beetles out of 44 insects \_\_\_\_\_

2) 30 snow days out of 48 days \_\_\_\_\_

3) 14 feet out of 35 feet \_\_\_\_\_

4) 2 cups to 10 cups \_\_\_\_\_

5) 42 miles out of 66 miles \_\_\_\_\_

6) 5 dimes out of 40 coins \_\_\_\_\_

7) 42 red bikes out of 77 bikes \_\_\_\_\_

8) 4 points out of 36 points \_\_\_\_\_

9) 21 quarts to 28 quarts \_\_\_\_\_

10) 40 footballs to 44 footballs \_\_\_\_\_

11) 40 dimes to 50 dimes \_\_\_\_\_

12) 10 rainy days out of 24 days \_\_\_\_\_

13) 6 nickels to 20 nickels \_\_\_\_\_

14) 6 inches to 12 inches \_\_\_\_\_

15) 6 pennies to 27 pennies \_\_\_\_\_

16) 5 cakes out of 10 cakes \_\_\_\_\_

17) 30 gallons to 60 gallons \_\_\_\_\_

18) 20 pounds to 28 pounds \_\_\_\_\_

19) 14 blue cars out of 18 cars \_\_\_\_\_

20) 6 pints to 18 pints \_\_\_\_\_



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## Ratios and Rates

Express each ratio as a fraction in the simplest form.

1) 32 beetles out of 44 insects  $\frac{8}{11}$

2) 30 snow days out of 48 days  $\frac{5}{8}$

3) 14 feet out of 35 feet  $\frac{2}{5}$

4) 2 cups to 10 cups  $\frac{1}{5}$

5) 42 miles out of 66 miles  $\frac{7}{11}$

6) 5 dimes out of 40 coins  $\frac{1}{8}$

7) 42 red bikes out of 77 bikes  $\frac{6}{11}$

8) 4 points out of 36 points  $\frac{1}{9}$

9) 21 quarts to 28 quarts  $\frac{3}{4}$

10) 40 footballs to 44 footballs  $\frac{10}{11}$

11) 40 dimes to 50 dimes  $\frac{4}{5}$

12) 10 rainy days out of 24 days  $\frac{5}{12}$

13) 6 nickels to 20 nickels  $\frac{3}{10}$

14) 6 inches to 12 inches  $\frac{1}{2}$

15) 6 pennies to 27 pennies  $\frac{2}{9}$

16) 5 cakes out of 10 cakes  $\frac{1}{2}$

17) 30 gallons to 60 gallons  $\frac{1}{2}$

18) 20 pounds to 28 pounds  $\frac{5}{7}$

19) 14 blue cars out of 18 cars  $\frac{7}{9}$

20) 6 pints to 18 pints  $\frac{1}{3}$

