



**Write the ratio in simplest form in three ways.**

- 1) hearts to smiley faces
- 2) smiley faces to suns
- 3) smiley faces to stars
  
- 4) total objects to hearts
- 5) hearts and suns to smiley faces
- 6) stars to hearts and smiley faces
  
- 7) total objects to hearts and stars
- 8) suns and stars to total objects
- 9) smiley faces to hearts and stars
  
- 10) Joey has four dimes, six quarters, and a penny. Write the ratio of quarters to dimes in simplest form in 3 ways.

**Find the unit rate. Write the answer as a fraction.**

- 11) 180 km in 3 hours
- 12) 64 mi in 8 hours
- 13) 120 mi on 8 gal
  
- 14) \$48 for 4 days
- 15) \$91 for 13 days
- 16) 1575 words in 25 min

**Solve.**

17) 230 miles using 10 gallons. How many miles on 1 gallon?

18) \$99 for 3 days. How much for 1 day?

19) \$56 for 4 days. How much for 7 days?

20) 148 miles on 4 gallons. How many miles on 3 gallons?

## Answer Key

1) 5 to 6, 5:6,  $\frac{5}{6}$

2) 6 to 7, 6:7,  $\frac{6}{7}$

3) 2 to 1, 2:1,  $\frac{2}{1}$

4) 21 to 5, 21:5,  $\frac{21}{5}$

5) 2 to 1, 2:1,  $\frac{2}{1}$

6) 9 to 5, 9:5,  $\frac{9}{5}$

7) 21 to 8, 21:8,  $\frac{21}{8}$

8) 10 to 21, 10:21,  $\frac{10}{21}$

9) 3 to 4, 3:4,  $\frac{3}{4}$

10) 3 to 2, 3:2,  $\frac{3}{2}$

11)  $\frac{60}{1}$

12)  $\frac{8}{1}$

13)  $\frac{15}{1}$

14)  $\frac{\$12}{1}$

15)  $\frac{\$7}{1}$

16)  $\frac{63}{1}$

17) 23 miles

18) \$33

19) \$98

20) 111 miles