

Name: _____

Date: _____

Extra Practice (6.1)

Express each ratio as a fraction in simplest form.

1) 36 cassettes to 60 CDs

2) 42 textbooks to 28 students

3) 24 feet to 30 yards

4) 3 gallons to 15 quarts

5) 5 hours to 720 minutes

6) 6 pounds to 256 ounces

Express each ratio as a unit rate. Round to the nearest tenth, if necessary.

7) \$4.60 for 5 cans of soup

8) 21 new pairs of sneakers in 7 years

9) 652 miles in 9 days

10) \$3015 from 36 people

11) 116 meters in 12 seconds

12) 55 pages in 25 minutes

Convert each rate using dimensional analysis.

13) 18 mi/min = ? cm/s

14) 264 yd/s = ? mi/h

15) 2 qt/min = ? gal/h

16) 40 cm/s = ? m/min

17) 32 ft/h = ? yd/day

18) 99 in./s = ? mi/day