

2-6 Practice

Form G

Ratios, Rates, and Conversions *only skip #16*

Convert the given amount to the given unit.

1. 15 days; hours 2. 60 ft; yd 3. 100 meters; cm

13. Mrs. Jacobsen purchased a 5-pound package of ground beef for \$12.40. She decided to use 8 ounces each day for dinner recipes. What was the cost of ground beef per meal?

14. Car 1 drove 408 miles in 6 hours and Car 2 drove 365 miles in 5 hours during the cross-country road race. Who had the fastest average speed?

Copy and complete each statement.

16. ~~25 mi/hr = ___ m/min~~
SKIP

17. 14 gal/s = ___ qt/min

18. 62 in. = ___ miles

19. 3.5 days = ___ min

22. 15 dollars/hr = ___ cents/min

23. 7 days = ___ s

24. Which is the better buy, 7 pounds for \$8.47 or 9 pounds for \$11.07? Explain.

26. A runner is running 10 miles per hour.

a. What conversion factors should be used to convert 10 mi/hr to ft/s?

b. How many feet per second is the runner running?

Determine if each rate is a unit rate. Explain.

30. \$1.99 per pound

31. 100 feet per 2 seconds

32. 22 miles per gallon