

Practice 6.3 & 6.4

Name _____

(6.3) Convert as indicated.

1) 9.7 miles to feet

2) 73 feet to yards

3) $6\frac{1}{2}$ feet to inches

4) 264 ounces to cups

5) 0.3 gallons to ounces

6) $14\frac{1}{2}$ pounds to ounces

(6.4) Convert as indicated.

7) 8.6 centiliters to dekaliters

8) 71.69 meters to millimeters

9) 99.61 meters to kilometers

10) 142 milligrams to grams

11) 0.0079 centigrams to milligrams

Convert the area as indicated.

12) 9 square feet to square inches

13) 8.23 square centimeters to square millimeters

Solve the problem.

14) Jim and Tammi climbed to the top of a 31,680-foot mountain. How many miles did they climb?

16) A medical clinic has 0.2 liter of a medication on hand. How many milliliters are on hand?

15) How much will it cost to carpet a 24-foot by 25-foot room if carpeting costs \$18.50 per square yard?

17) Steve drove 8 kilometers and cycled 536 meters. How many meters did he travel in total?

Answer Key

Testname: WKS_6.3_6.4

- 1) 51,216 ft
- 2) $24\frac{1}{3}$ yd
- 3) 78 in.
- 4) 33 c
- 5) 38.4 oz
- 6) 232 oz
- 7) 0.0086 dal
- 8) 71,690 mm
- 9) 0.09961 km
- 10) 0.142 g
- 11) 0.079 mg
- 12) 1296 in²
- 13) 823 mm²
- 14) 6 mi
- 15) \$1233.33
- 16) 200 mL
- 17) 8536 m