1. Fill in each blank with the correct number; do not round:

    (a) $0.456\ dm\ =$ _____ dam

    (b) $78.9\ hm\ =$ _____ cm

    (c) $1.23\ d\ell\ =$ _____ $m\ell$

    (d) $0.456\ h\ell\ =$ _____ $k\ell$

    (e) $78.9\ c\ell\ =$ _____ ℓ

    (f) $1.23\ kg\ =$ _____ dag

    (g) $0.456\ cg\ =$ _____ mg

    (h) $78.9\ dg\ =$ _____ hg

    (i) $9.5\ m^2$ to cm^2

    (j) $3000\ m^2$ to km^2

    (k) $1500\ cm^2$ to dm^2

    (l) $73.8\ cm^3$ to mm^3

2. Convert as indicated; round to the nearest tenth unless otherwise specified.

    (a) 14.6 days to hours

    (b) 14.6 hours to days (round to the nearest thousandth)

    (c) $12\frac{1}{2}$ feet to inches

    (d) $6\frac{3}{4}$ pounds to ounces

    (e) 75,000 pounds to tons

    (f) $4\frac{1}{2}$ tons to pounds

    (g) $3\frac{1}{2}$ gallons to quarts

    (h) $12\frac{1}{2}$ quarts to gallons (round to the nearest thousandth)

    (i) 200 square feet to square yards

    (j) 350 square feet to square inches

3. Convert the following "mixed" measurements as indicated; round to the nearest hundredth if needed.

    (a) 5 feet, 7 inches to feet

    (b) 5 feet, 7 inches to inches

    (c) 8 pounds, 5 ounces to ounces

    (d) 8 pounds, 5 ounces to pounds

    (e) 7 hours, 14 minutes to minutes

    (f) 7 hours, 14 minutes to hours

1. (a) 0.00456 dam
   (b) 789,000 cm
   (c) 123 mℓ
   (d) 0.0456 kℓ
   (e) 0.789ℓ
   (f) 123 dag
   (g) 4.56 mg
   (h) 0.0789 hg
   (i) 95,000 cm^2
   (j) 0.003 km^2
   (k) 15 dm^2
   (l) 73,800 mm^3

2. (a) 350.4 hours
   (b) 0.608 days
   (c) 150 inches
   (d) 108 ounces
   (e) 37.5 tons
   (f) 9,000 pounds
   (g) 14 quarts
   (h) 3.125 gallons
   (i) 22.2 yd^2
   (j) 50,400 in^2

3. (a) 5.58 feet
   (b) 67 inches
   (c) 133 ounces
   (d) 8.31 pounds
   (e) 434 minutes
   (f) 7.23 hours