Simplify all answers and show your work!

1) 7.3 kg = __________ g
2) 5 gallons = _______ pts
3) $\frac{2}{3}$ ft = _______ in.

4) 260 min = _______ hrs
5) 44 mm = _______ cm
6) 40 in = _______ cm
   (1 in = 2.54 cm)

7) 5 m 82 cm = ________ m
8) 5 ft 4 in = ________ in
9) 9 lbs 14 oz = ________ lb.

10) Write the following decimals as percents:
    a) 0.47
    b) 0.238
    c) 3.7

11) Write the following percents as decimals:
    a) 1.2%
    b) 36%
    c) 273.1%

12) 20 is what percent of 50?
13) Find 30% of $39.99.$

14) Kelly weighs 84 pounds. How much does Kelly weigh in kilograms? (2.2 lbs ≈ 1 kg.)
15) Write as a fraction in lowest terms:
    a) 42.5%
    b) $\frac{85}{7}$%

16) Harry needs 4 m 39 cm of tubing, which costs $3.99 per meter. How much is the tubing he needs going to cost?
17) Tammy is measured for a graduation robe. The company manufacturing her robe needs to know the height she will be while wearing her shoes in inches. Tammy is 5 ft. 6 in. tall and wears 2 inch high heels. How many inches should the manufacturer be told Tammy is while wearing her shoes?

18) A can of Sprite® contains 355 ml, or 12 fluid ounces. Based on this rate, how many ml are in 1 fluid ounce?

19) An aspirin tablet weighs 3 grams where 325 milligrams is actual medicine. How many grams of the tablet are not actual medicine?

20) A regular-sized coffee cup holds about 8 ounces. How many coffee cups can be filled with a coffee pot that makes 2 quarts of coffee?

21) Coca-cola is sold in bottles that hold 350 ml each. How many liters does a 6-pack contain?

22) How many grams are in a \(3\frac{1}{2}\)-ounce bag of Cheetos? (1 oz \(\approx\) 28.35 g)

23) Officer Williams has roped off a crime scene that is triangular in shape, as shown. How many yards long is the perimeter (distance around) the crime scene? (1 m \(\approx\) 1.09 yd)