

Independent Practice

12.2

NAME _____

Module 12 Attributes and Tools

Lesson 2 Same System Conversions

Fill in the blanks.

1. 92 in. = _____ ft _____ in.
2. 8 kg = _____ g
3. 24 c = _____ qt
4. 230 mL = _____ L
5. 2,510 mm = _____ m
6. 5 ft 11 in. = _____ in.
7. 5 min 22 sec = _____ sec
8. 116 oz = _____ lb
9. 18 qt = _____ gal
10. 630 min = _____ h
11. A carton of lemonade contains 64 fl oz. How many cups of lemonade are in the container?
12. A beagle weighs 13 lb. A cocker spaniel weighs 200 oz. Which dog weighs more? How much more?

13. Marla practiced the piano for 78 min. How many hours and minutes did she practice?
14. Jerome's swimming pool is 1.2 m deep. Carly's swimming pool is 122 cm deep. Which pool is deeper? How much deeper?

Journal

1. Emma is converting 18 feet into yards. Should she use a unit rate of three feet to one yard or a unit rate of $\frac{1}{3}$ yard to one foot? Explain. Then, show how to do the conversion.
2. Tell how you know how many places, and how you know in which direction, you must move the decimal point when you convert from kilometers to centimeters.
3. How can you use the prefixes in the metric system of measurement to help you remember how many years are in each of the following: decade, century, and millennium?

Cumulative Review

Draw all lines of symmetry on each figure.

1.



2.



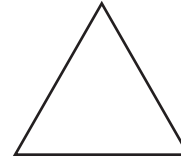
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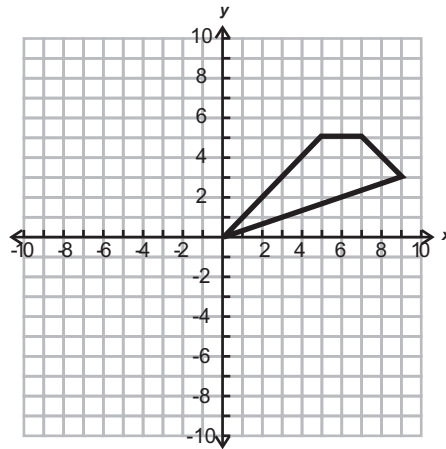
3.



4.



5. Draw the reflection of the figure across the y -axis.



Choose the most reasonable customary and metric unit to measure each item.

6. The length of a leaf

7. The length of a marathon

8. The amount of tea in a teacup

9. The amount of gas in a truck's tank

10. The weight of a pair of eyeglasses

11. The weight of a bear

Additional Work Area