

Review 11	<b>Measurement</b>	NAME:
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Choose the answers that best match the following measurements.

1.	A quarter would weight about: A. a kilogram    B. a gram    C. a liter    D. a milliliter	
2.	The amount of saline you put on your contact to clean it: A. a gram    B. a liter    C. a kilogram    D. a milliliter	
3.	Your fingernail is about how thick? A. a kilometer    B. a centimeter    C. a liter    D. a millimeter	
4.	Half the height of a door is about a: A. a liter    B. a kilogram    C. a meter    D. a kilometer	
5.	The distance from DIS to CSHS is about: A. a milliliter    B. a kilometer    C. a meter    D. a centimeter	

Write a proportion for each conversion and then determine the answer.

	<b>Unit</b>	<b>Proportion</b>	<b>Convert to...</b>
6.	108 inches		yd.
7.	6 quarts		c.
8.	32 pints		gal.
9.	2.34 L		ml.
10.	5.6 g		kg.
11.	82 cm		m.
12.	35 km		m.

Solve each problem below with a **proportion** and then determine the answer.

13.	We need 30 cups of ice cream for the birthday party. It is only sold in quart sizes. How many quarts do we need to buy?	
14.	If a horned frog is very thirsty, it can drink 82 pints of water in 10 minutes. How many ounces of water is that per second? Round to the nearest whole number.	
15.	If you walk 30 minutes a day you may lose 8 oz a day. How many pounds per week would you lose?	
16.	You measure the length of your bike is 3.9ft. What is the length in inches? Yards?	
17.	The model of the Eiffel Tower in Tobu World Square is 12 meters high. Use the scale factor of 1:25 to find the height of the Eiffel Tower.	
18.	From the map's scale, 1 centimeter represents 65 kilometers. On the map, the distance between China and New Sweden is 4.5 cm. What is the actual distance between China and New Sweden?	
19.	You are playing a role in the school play. The play begins at 7:30 P.M. It takes 15 minutes to get into costume, 35 minutes to do your makeup, and 2 minutes to fix your hair. By what time should you start getting ready?	

20.	There were 24 students and 18 teachers. Which ratio compares the number of teachers to students? A. 24:18                      C. 3:4 B. 12:9                         D. 8:6	
21.	Elizabeth bought a frog on sale for \$25. This was $\frac{3}{5}$ off the original price. What percentage represents the discount she received?	
22.	The ratio of chairs to desks is about 5 to 3. If there are 15 desks, how many chairs would there be?	
23.	What is the least common multiple of 5, 7, and 10?	
24.	Morgan decides to go bowling. The bowling lane costs \$7.50 per hour and the shoes Morgan rents cost \$3.00. Which equation can be used to find $c$ , the cost in dollars of bowling for $h$ hours? A. $c = 3(h + 7.5)$ B. $c = 3h + 7.5$ C. $c = 7.5(h + 3)$ D. $c = 7.5h + 3$	
25.	65% of the students who don't know how to convert percentages to fractions will fail the next test. What fraction of the students who don't know how to convert will fail the test?	

