Using Ratios



Use what you have learned about equivalent ratios to complete each table.

Inches to Yards 1. A.

Inches	Yards
12 inches	$\frac{1}{3}$ yard
	$\frac{2}{3}$ yard
48 inches	
	2 yards
84 inches	

Kilometers to Meters В.

Kilometers	Meters
.5 kilometer	500 meters
	750 meters
1 kilometer	
1.25 kilometers	
	1500 meters

Quarts to Gallons

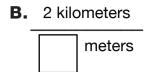
Quarts	Gallons
1 quart	$\frac{1}{4}$ gallon
3 quarts	
	1 gallon
6 quarts	
	$1\frac{3}{4}$ gallons

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2. Use the tables in Questions 1A-C to help you complete the following ratios.

inches

1 yard



C.	4 gallons		
		quarts	

- **3. A.** A banana is 36 centimeters long on a poster. On a reduced-size copy of the poster the same banana is 18 cm long. If a pineapple is 72 centimeters long on the poster, how long will it be on the reduced-size copy?
 - **B.** Show or tell how you found your answer.

- **4. A.** A line that is 6 centimeters long on a blueprint is 15 meters long on the actual building. If another line on the blueprint is 9 centimeters long, how long is it on the building?
 - **B.** What is the relationship between the line on the blueprint and the actual distance on the building? Show or tell how you know.