

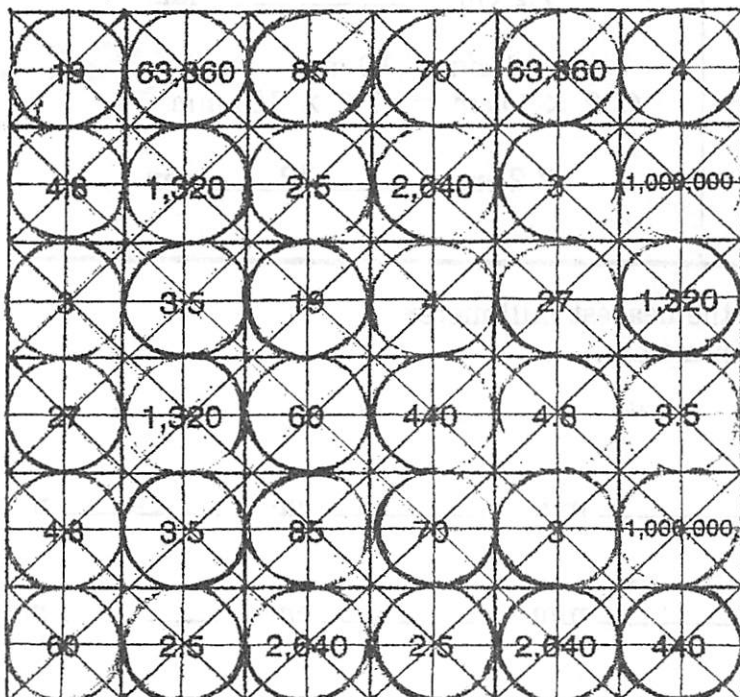
# \*\*\* Use your measurement facts sheet \*\*\*

## Activity 15

Name: \_\_\_\_\_

Period: \_\_\_\_\_

Date: \_\_\_\_\_



### Table of Equivalent Measures

12 inches (in)	= 1 foot (ft)
3 feet	= 1 yard (yd)
36 inches	= 1 yard
5,280 feet	= 1 mile (mi)
1,760 yards	= 1 mile
10 millimeters (mm)	= 1 centimeter (cm)
100 centimeters	= 1 meter (m)
1,000 meters	= 1 kilometer (km)

Find the missing numbers below.

Write your answer in the \_\_\_\_\_.  
Show your work in the space provided or attach your work behind this worksheet.

1. 5ft = ? in \_\_\_\_\_
2.  $\frac{1}{2}$  mi = ? ft \_\_\_\_\_
3.  $\frac{1}{4}$  mi = ? yd \_\_\_\_\_
4.  $\frac{3}{4}$  yd = ? in \_\_\_\_\_
5. 48in = ? ft \_\_\_\_\_
6. 700mm = ? cm \_\_\_\_\_
7. 2,500m = ? km \_\_\_\_\_
8. 108in = ? yd \_\_\_\_\_
9. 8.5cm = ? mm \_\_\_\_\_
10. 3,500mm = ? m \_\_\_\_\_
11.  $6\frac{1}{3}$  yd = ? ft \_\_\_\_\_
12.  $\frac{3}{4}$  mi = ? yd \_\_\_\_\_
13. 480cm = ? m \_\_\_\_\_
14. 1mi = ? in \_\_\_\_\_
15. 1km = ? mm \_\_\_\_\_

# Measuring with Metrics

NAME \_\_\_\_\_

$$160 \text{ m} = \underline{\quad? \quad} \text{ km}$$

$$1 \text{ m} = .001 \text{ km}$$

$$(160 \times 1) \text{ m} = (160 \times .001) \text{ km}$$

$$160 \text{ m} = \underline{\quad.16 \quad} \text{ km}$$






$$7.2 \text{ cm} = \underline{\quad? \quad} \text{ mm}$$

$$1 \text{ cm} = 10 \text{ mm}$$

$$(7.2 \times 1) \text{ cm} = (7.2 \times 10) \text{ mm}$$

$$7.2 \text{ cm} = \underline{\quad72 \quad} \text{ mm}$$

Find the length of each line segment to the nearest millimeter.  
Then give the length in centimeters and in meters.

	<i>a</i>	<i>b</i>	<i>c</i>
1. 	_____ mm	_____ cm	_____ m
2. 	_____ mm	_____ cm	_____ m
3. 	_____ mm	_____ cm	_____ m
4. 	_____ mm	_____ cm	_____ m
5. 	_____ mm	_____ cm	_____ m

Complete the following.

<i>a</i>	<i>b</i>	<i>c</i>
6. 54 mm = _____ cm	8 m = _____ mm	234 m = _____ km
7. 1.6 m = _____ cm	.9 cm = _____ mm	58 mm = _____ cm
8. 612 mm = _____ m	4 km = _____ m	13 mm = _____ cm
9. .02 m = _____ mm	.75 km = _____ m	34.5 m = _____ km
10. 707 cm = _____ m	.005 m = _____ cm	465 mm = _____ cm

Perfect score: 30      My score: \_\_\_\_\_