

STAAR GRADE 3 MATHEMATICS REFERENCE MATERIALS



LENGTH

| Customary | Metric |
|--------------------------------|---|
| 1 mile (mi) = 1,760 yards (yd) | 1 kilometer (km) = 1,000 meters (m) |
| 1 yard (yd) = 3 feet (ft) | 1 meter (m) = 100 centimeters (cm) |
| 1 foot (ft) = 12 inches (in.) | 1 centimeter (cm) = 10 millimeters (mm) |

VOLUME AND CAPACITY

| Customary | Metric |
|------------------------------------|--------------------------------------|
| 1 gallon (gal) = 4 quarts (qt) | 1 liter (L) = 1,000 milliliters (mL) |
| 1 quart (qt) = 2 pints (pt) | |
| 1 pint (pt) = 2 cups (c) | |
| 1 cup (c) = 8 fluid ounces (fl oz) | |

WEIGHT AND MASS

| Customary | Metric |
|-------------------------------|------------------------------------|
| 1 ton (T) = 2,000 pounds (lb) | 1 kilogram (kg) = 1,000 grams (g) |
| 1 pound (lb) = 16 ounces (oz) | 1 gram (g) = 1,000 milligrams (mg) |

TIME

| |
|-----------------------|
| 1 year = 12 months |
| 1 year = 52 weeks |
| 1 week = 7 days |
| 1 day = 24 hours |
| 1 hour = 60 minutes |
| 1 minute = 60 seconds |

Inches

0

1

2

3

4

5

6

7

8