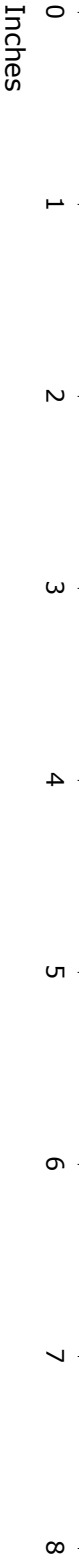
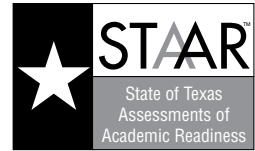


# STAAR GRADE 6 MATHEMATICS REFERENCE MATERIALS



## LENGTH

### Customary

1 mile (mi) = 1,760 yards (yd)

1 yard (yd) = 3 feet (ft)

1 foot (ft) = 12 inches (in.)

### Metric

1 kilometer (km) = 1,000 meters (m)

1 meter (m) = 100 centimeters (cm)

1 centimeter (cm) = 10 millimeters (mm)

## VOLUME AND CAPACITY

### Customary

1 gallon (gal) = 4 quarts (qt)

1 quart (qt) = 2 pints (pt)

1 pint (pt) = 2 cups (c)

1 cup (c) = 8 fluid ounces (fl oz)

### Metric

1 liter (L) = 1,000 milliliters (mL)

## WEIGHT AND MASS

### Customary

1 ton (T) = 2,000 pounds (lb)

1 pound (lb) = 16 ounces (oz)

### Metric

1 kilogram (kg) = 1,000 grams (g)

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

# STAAR GRADE 6 MATHEMATICS REFERENCE MATERIALS

## PERIMETER

Square

$$P = 4s$$

Rectangle

$$P = 2l + 2w$$

## CIRCUMFERENCE

Circle

$$C = 2\pi r$$

or

$$C = \pi d$$

## AREA

Triangle

$$A = \frac{bh}{2}$$

or

$$A = \frac{1}{2}bh$$

Square

$$A = s^2$$

Rectangle

$$A = lw$$

or

$$A = bh$$

Parallelogram

$$A = bh$$

Trapezoid

$$A = \frac{(b_1 + b_2)h}{2}$$

or

$$A = \frac{1}{2}(b_1 + b_2)h$$

Circle

$$A = \pi r^2$$

## VOLUME

Cube

$$V = s^3$$

Rectangular prism

$$V = lwh$$

or

$$V = Bh$$

## ADDITIONAL INFORMATION

Pi

$$\pi \approx 3$$

