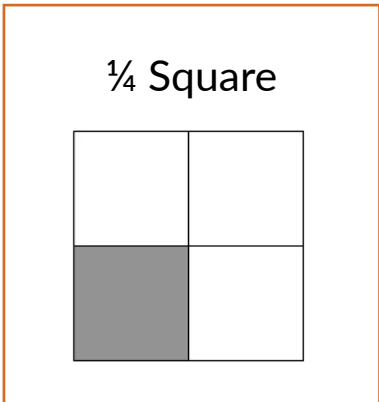
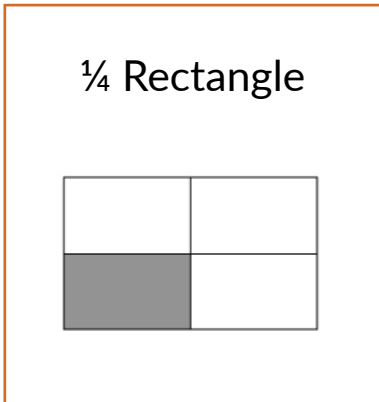
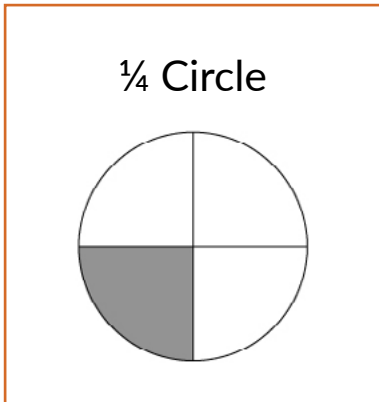
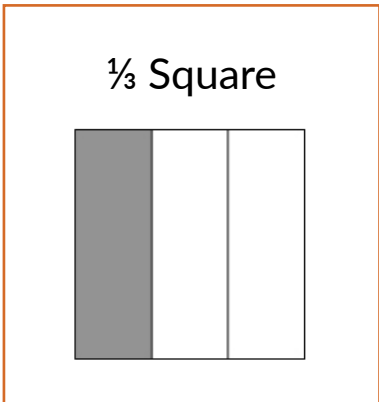
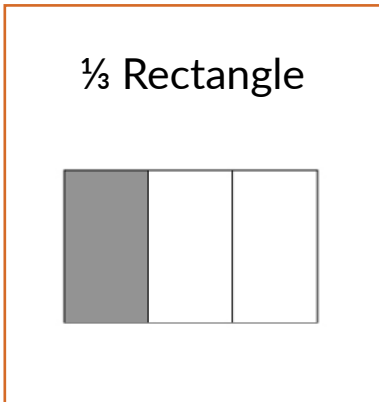
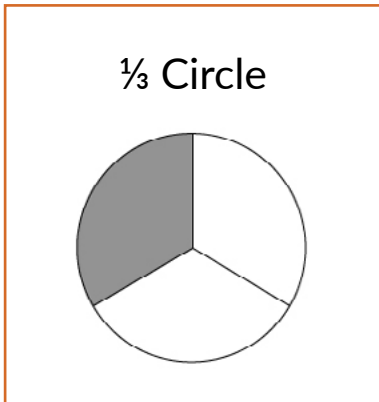
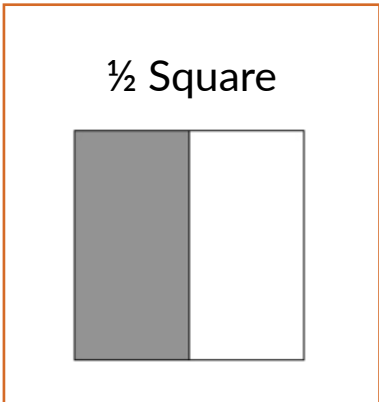
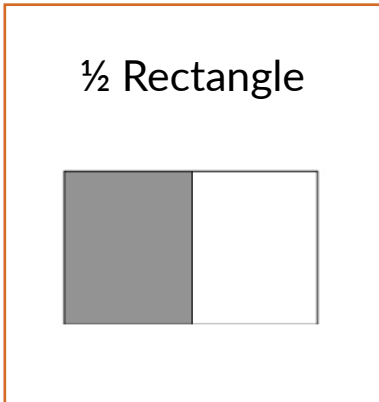
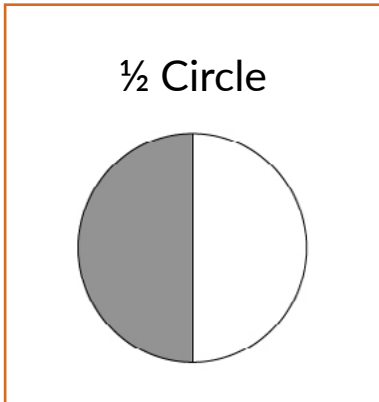


4th Grade
Mathematics
Reference Sheet

 SONLIGHT

4th Grade Mathematics Reference Sheet

FRACTIONS OF SHAPES

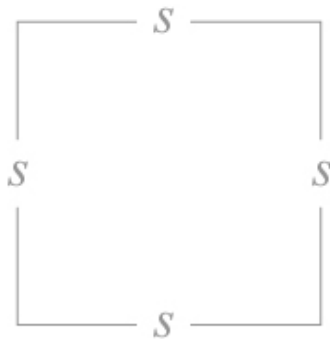


4th Grade Mathematics Reference Sheet

GEOMETRIC FORMULAS

Perimeter of quadrilateral

$$P = \textit{side} + \textit{side} + \textit{side} + \textit{side}$$



Perimeter of triangle

$$P = \textit{side} + \textit{side} + \textit{side}$$



4th Grade Mathematics Reference Sheet

GEOMETRIC FORMULAS

Area of a square

$$A = \textit{side} \times \textit{side}$$



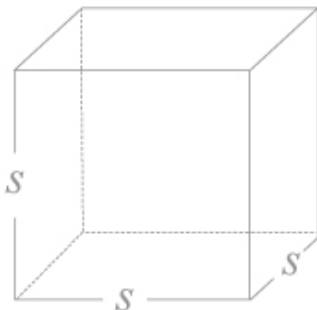
Area of a rectangle

$$A = \textit{length} \times \textit{width}$$



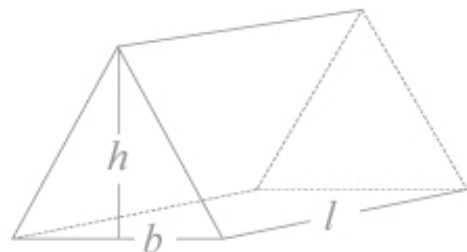
Volume of a cube

$$V = \textit{side} \times \textit{side} \times \textit{side}$$



Volume of a prism

$$V = \textit{length} \times \textit{width} \times \textit{height}$$



4th Grade Mathematics Reference Sheet

COINS

Penny



Nickel



Dime



Quarter



4th Grade Mathematics Reference Sheet

BILLS

\$1 bill



\$5 bill

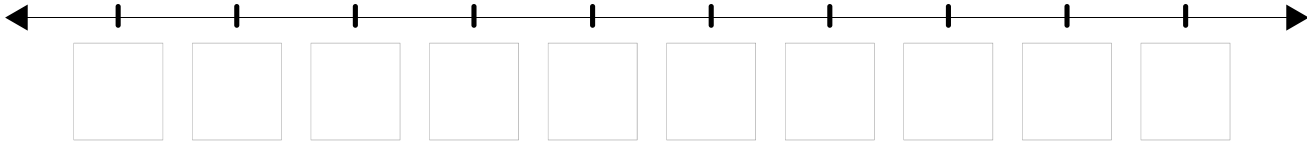
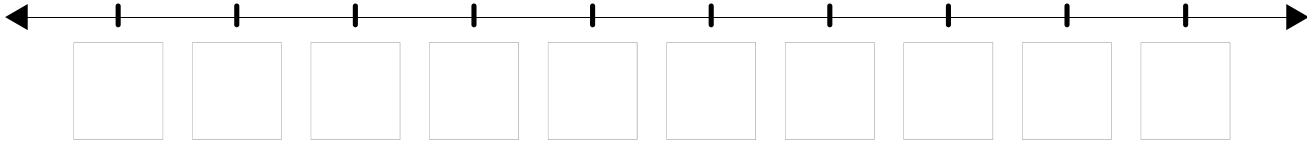
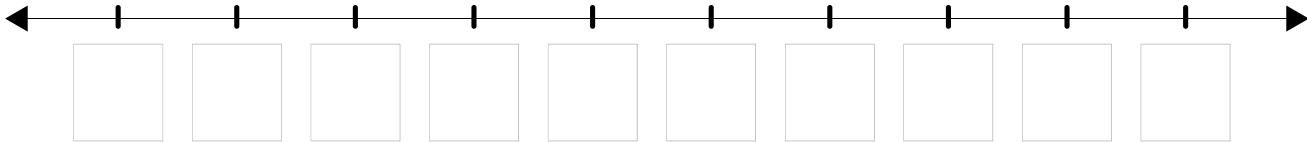
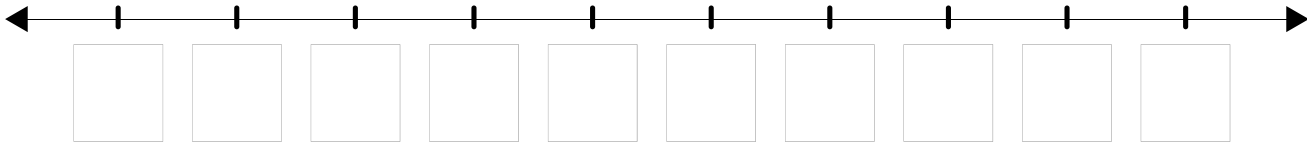
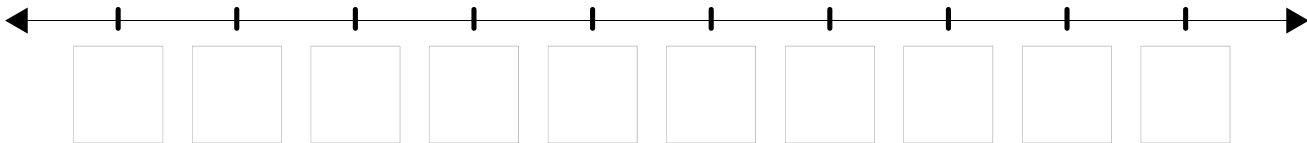


\$10 bill



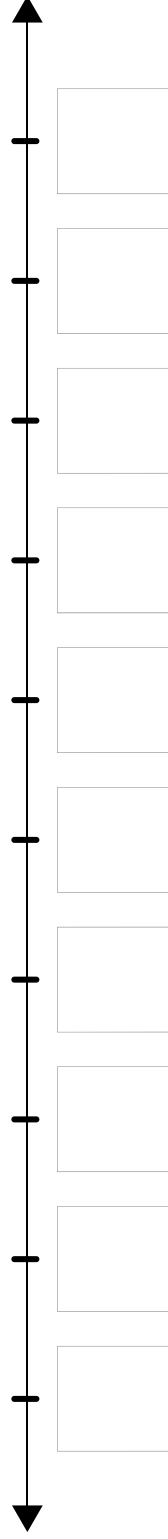
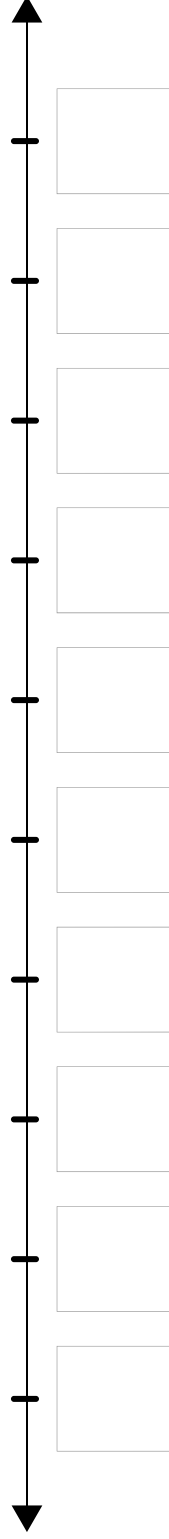
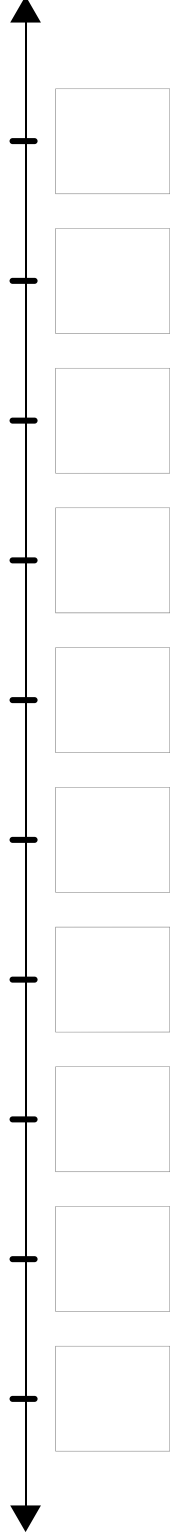
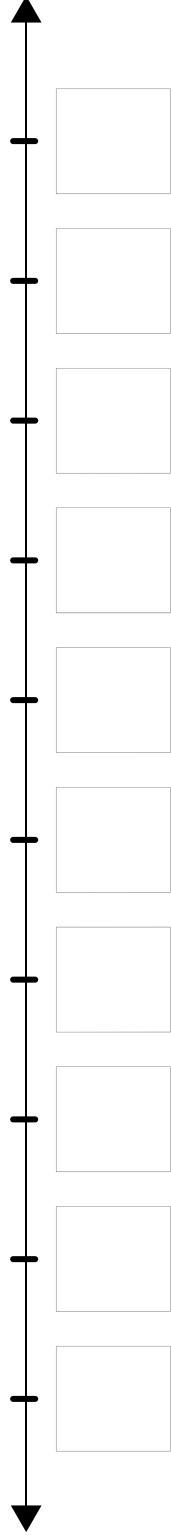
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NUMBER LINE



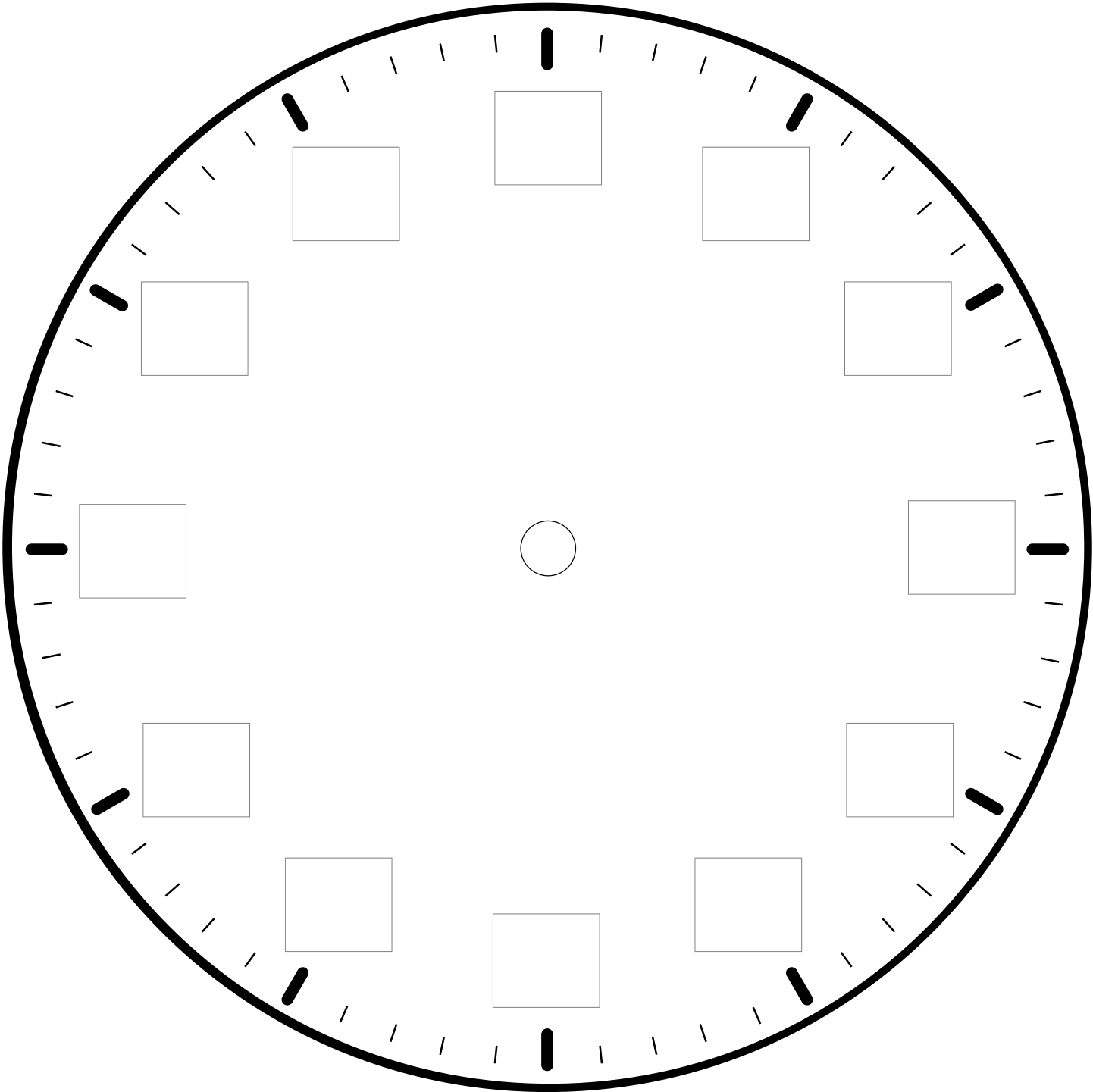
4th Grade Mathematics Reference Sheet

NUMBER LINE



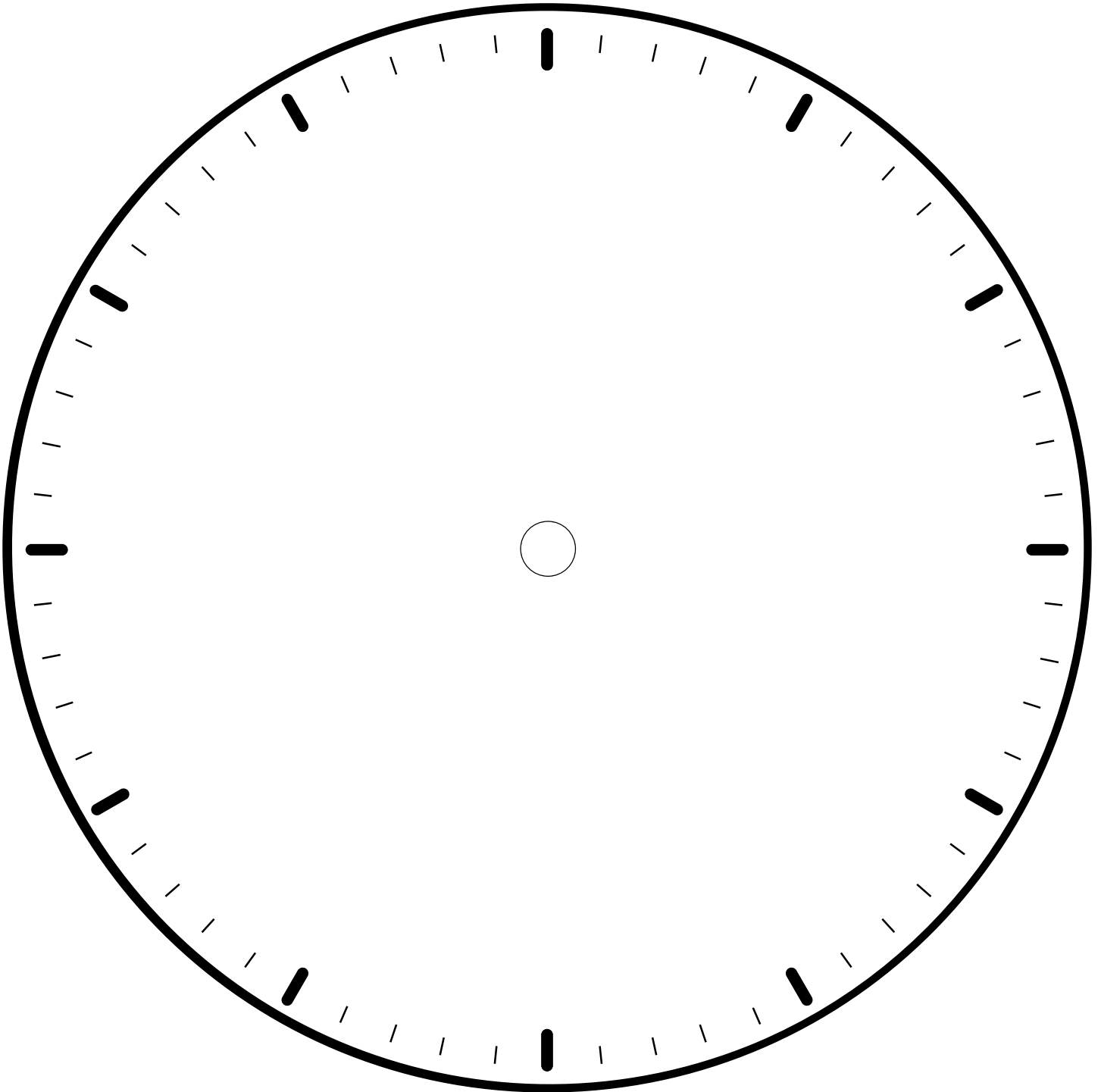
4th Grade Mathematics Reference Sheet

CLOCK FACE



4th Grade Mathematics Reference Sheet

CLOCK FACE



4th Grade Mathematics Reference Sheet

PLACE VALUE CHART

Thousands	Hundreds	Tens	Ones

Thousands	Hundreds	Tens	Ones

Thousands	Hundreds	Tens	Ones

4th Grade Mathematics Reference Sheet

CONVERSION FACTORS

DISTANCE

12 inches = 1 foot

3 feet = 1 yard

5,280 feet = 1 mile

10 millimeters = 1 centimeter

100 centimeters = 1 meter

1,000 meters = 1 kilometer

VOLUME

8 fl oz = 1 cup

2 cups = 1 pint

2 pints = 1 quart

4 quarts = 1 gallon

10 milliliters = 1 centiliter

100 centiliters = 1 liter

1,000 liters = 1 kiloliter

WEIGHT

16 oz = 1 pound

2,000 pounds = 1 ton

10 milligrams = 1 centigram

100 centigrams = 1 gram

1,000 grams = 1 kilogram

TIME

60 seconds = 1 minute

60 minutes = 1 hour

24 hours = 1 day

7 days = 1 week

52 weeks = 1 year = 365 days