

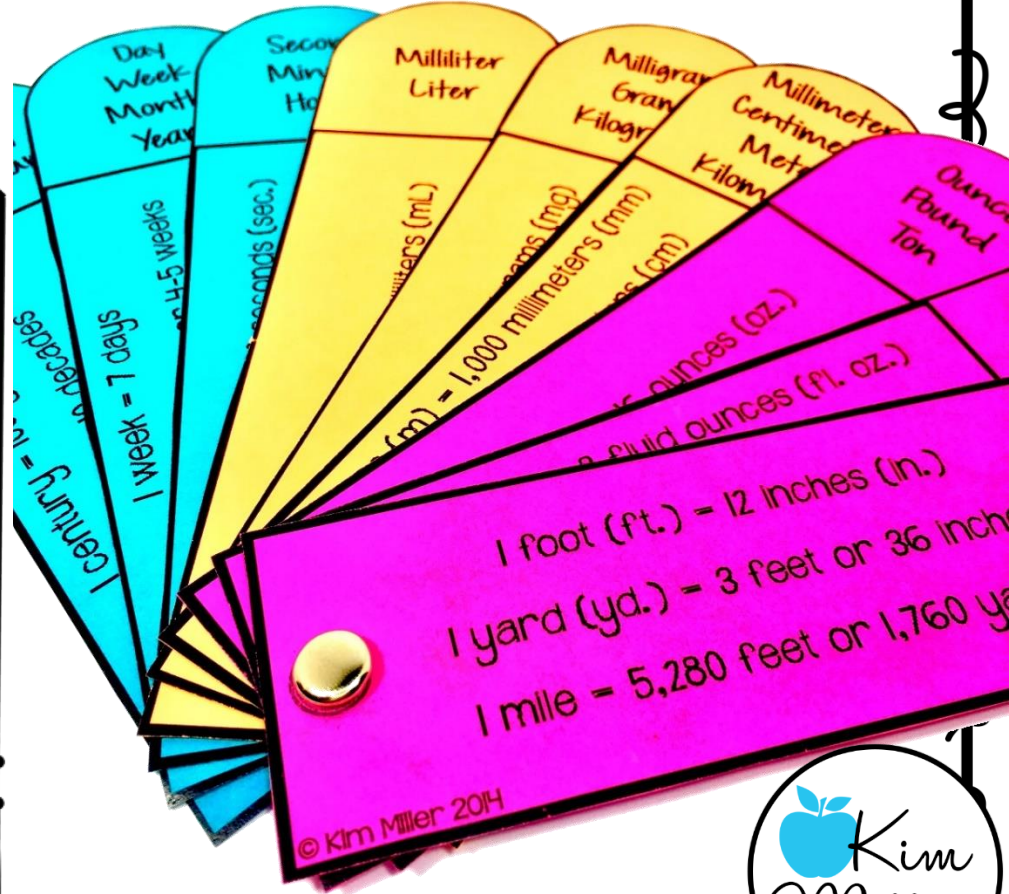
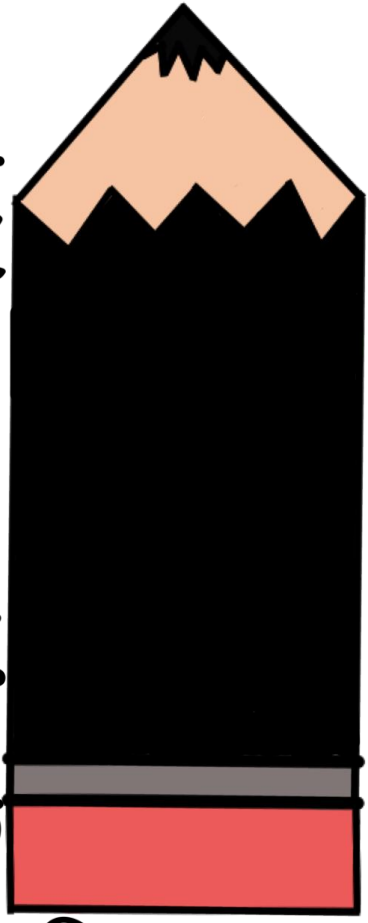
MEASUREMENT

CONVERSION

Super easy
for students!

FANS

Grades
3-6



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HOW TO USE THIS PRODUCT:

Copy each page on a separate piece of colored construction paper or card stock. Each page must be a different color.

Cut out the fan for Millimeter, Centimeter, Meter, and Kilometer. On the back, write:

Metric Length

1 meter (m) = 1,000 millimeters (mm)	Centimeter Meter Kilometer
1 meter = 100 centimeters (cm)	
1 centimeter = 10 millimeters	
1 kilometer (km) = 1,000 meters	

Cut out the fan for Milligram, Gram, and Kilogram. On the back, write:

Metric Weight (Mass)

1 gram (g) = 1,000 milligrams (mg)	Gram Kilogram
1 kilogram (kg) = 1,000 grams	

Cut out the fan for Milliliter and Liter. On the back, write:

Metric Capacity

1 Liter (L) = 1,000 milliliters (mL)	Liter
--------------------------------------	-------

Cut out the fan for Inch, Foot, and Yard. On the back, write:

Customary Length

1 foot (ft.) = 12 inches (in.)	Foot Yard Mile
1 yard (yd.) = 3 feet or 36 inches	
1 mile = 5,280 feet or 1,760 yards	

Cut out the fan for Ounce, Pound, and Ton. On the back, write:

Customary Weight

1 pound (lb.) = 16 ounces (oz.)	Pound Ton
1 ton (T) = 2,000 pounds	

Cut out the fan for Quart, Gallon, and Milliliter. On the back, write:

Customary Capacity (Liquid Volume)

1 cup (c) = 8 fluid ounces (fl. oz.)	Quart Gallon
1 pint (pt.) = 2 c.	
1 quart (qt.) = 2 pints	
1/2 gallon (gal.) = 2 quarts	
1 gallon = 4 quarts	

Cut out the fan for Second, Minute, and Hour. On the back, write:

Clock Time

1 minute (min.) = 60 seconds (sec.)	Second Minute Hour
1 hour (hr.) = 60 minutes	
1 day = 24 hours	

Cut out the fan for Day, Week, Month, and Year. On the back, write:

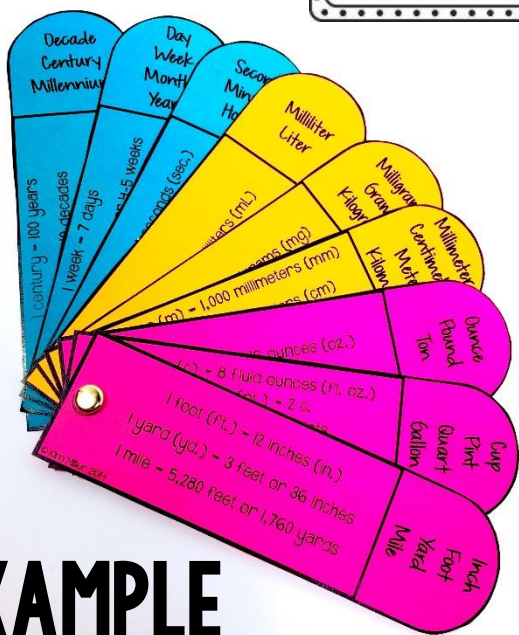
Calendar Time

1 week = 7 days	Day Week Month Year
1 month = 28-31 days, or 4-5 weeks	
1 year = 12 months or 52 weeks or 365 days	

Cut out the fan for Decade, Century, and Millennium. On the back, write:

Periods of Time

1 century = 100 years	Decade Century Millennium
1 century = 10 decades	
100 decades = 1 millennium	
1 millennium = 1,000 years	



EXAMPLE

Have students cut out each fan piece and follow the directions to write the categories on the back. Hole punch each fan piece and connect the fan together with a brass brad.



Cut out the fan for Inch, Foot, and Yard. On the back, write:

Customary Length

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



1 yard (yd.) = 3 feet or 36 inches

1 mile = 5,280 feet or 1,760 yards

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Inch
Foot
Yard
Mile

Cut out the fan for Ounce, Pound, Ton. On the back, write:

Customary Weight

1 pound (lb.) = 16 ounces (oz.)



1 ton (T) = 2,000 pounds

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Ounce
Pound
Ton

Cut out the fan for Cup, Pint, Quart, Gallon. On the back, write:

Customary Capacity (Liquid Volume)

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

1 pint (pt.) = 2 c.

1 quart (qt.) = 2 pints

1/2 gallon (gal.) = 2 quarts

1 gallon = 4 quarts



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Cup
Pint
Quart
Gallon

Cut out the fan for Millimeter, Centimeter, Meter, and Kilometer.

On the back, write:

Metric Length

1 meter (m) = 1,000 millimeters (mm)

1 meter = 100 centimeters (cm)

1 centimeter = 10 millimeters

1 kilometer (km) = 1,000 meters



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Millimeter
Centimeter
Meter
Kilometer

Cut out the fan for Milligram, Gram, and Kilogram. On the back, write:

Metric Weight (Mass)

1 gram (g) = 1,000 milligrams (mg)

1 kilogram (kg) = 1,000 grams



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Milligram
Gram
Kilogram

Cut out the fan for Milliliter and Liter. On the back, write:

Metric Capacity

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



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Milliliter
Liter

Cut out the fan for Second, Minute, and Hour. On the back, write:

Clock Time

1 minute (min.) = 60 seconds (sec.)



1 hour (hr.) = 60 minutes

1 day = 24 hours

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Second
Minute
Hour

Cut out the fan for Day, Week, Month, and Year. On the back, write:

Calendar Time

1 week = 7 days

1 month = 28-31 days, or 4-5 weeks

1 year = 12 months or 52 weeks

or 365 days



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Day
Week
Month
Year

Cut out the fan for Decade, Century, and Millennium. On the back, write:

Periods of Time

1 century = 100 years

1 century = 10 decades

100 decades = 1 millennium

1 millennium = 1,000 years



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Decade
Century
Millennium

OPTIONAL USE:

Copy the following pages on separate pieces of colored construction paper or card stock. Each page must be a different color. In this option students are required to fill in the blanks on each fan piece.

WHAT A GREAT ASSESSMENT TOOL!

Have students cut out each fan piece and follow the directions to fill in the missing measurements and write the categories on the back. Hole punch each fan piece and connect the fan together with a brass brad.



Fill in the missing measurements for Second, Minute, and Hour. Cut out the fan.
On the back, write: **Clock Time**

1 minute (min.) = ___ seconds (sec.) 1 hour (hr.) = ___ minutes 1 day = ___ hours	Second Minute Hour
---	--------------------------

Fill in the missing measurements for Day, Week, Month, and Year.
Cut out the fan. On the back, write: **Calendar Time**

1 week = ___ days 1 month = about ___ days, or ___ weeks 1 year = ___ months or ___ weeks or ___ days	Day Week Month Year
---	------------------------------

Fill in the missing measurements for Decade, Century, and Millennium.
Cut out the fan. On the back, write: **Periods of Time**

1 century = ___ years 1 century = ___ decades 100 decades = ___ millennium 1 millennium = ___ years	Decade Century Millennium
--	---------------------------------

I've also included a page of blank fan pieces for you to use with other measurement units.

Fill in the missing measurements for Inch, Foot, and Yard. Cut out the fan.

On the back, write: **Customary Length**

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

 1 yard (yd.) = ___ feet or ___ inches

1 mile = ___ feet or ___ yards


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Inch
Foot
Yard
Mile

Fill in the missing measurements for Ounce, Pound, Ton. Cut out the fan.

On the back, write: **Customary Weight**

1 pound (lb.) = ___ ounces (oz.)

 1 ton (T) = ___ pounds

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Ounce
Pound
Ton


Fill in the missing measurements for Cup, Pint, Quart, Gallon. Cut out the fan.

On the back, write: **Customary Capacity (Liquid Volume)**

1 cup (c) = ___ fluid ounces (fl. oz.)

1 pint (pt.) = ___ c.

1 quart (qt.) = ___ pints

 1/2 gallon (gal.) = ___ quarts

1 gallon = ___ quarts

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Cup
Pint
Quart
Gallon

Fill in the missing measurements for Millimeter, Centimeter, Meter, and Kilometer. Cut out the fan. On the back, write:

Metric Length

1 meter (m) = ____ millimeters (mm)

1 meter = ____ centimeters (cm)

1 centimeter = ____ millimeters

1 kilometer (km) = ____ meters



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Millimeter
Centimeter
Meter
Kilometer

Fill in the missing measurements for Milligram, Gram, and Kilogram.

Cut out the fan. On the back, write: **Metric Weight (Mass)**

1 gram (g) = ____ milligrams (mg)

1 kilogram (kg) = ____ grams



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Milligram
Gram
Kilogram

Fill in the missing measurements for Milliliter and Liter. Cut out the fan.

On the back, write: **Metric Capacity**

1 Liter (L) = ____ milliliters (mL)



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Milliliter
Liter

Fill in the missing measurements for Second, Minute, and Hour. Cut out the fan.

On the back, write: **Clock Time**

1 minute (min.) = ___ seconds (sec.)



1 hour (hr.) = ___ minutes

1 day = ___ hours

Second
Minute
Hour

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Fill in the missing measurements for Day, Week, Month, and Year.

Cut out the fan. On the back, write: **Calendar Time**

1 week = ___ days

1 month = *about* ___ days,
or ___ weeks

1 year = ___ months or ___ weeks
or ___ days



Day
Week
Month
Year

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Fill in the missing measurements for Decade, Century, and Millennium.

Cut out the fan. On the back, write: **Periods of Time**

1 century = ___ years

1 century = ___ decades

100 decades = ___ millennium

1 millennium = ___ years

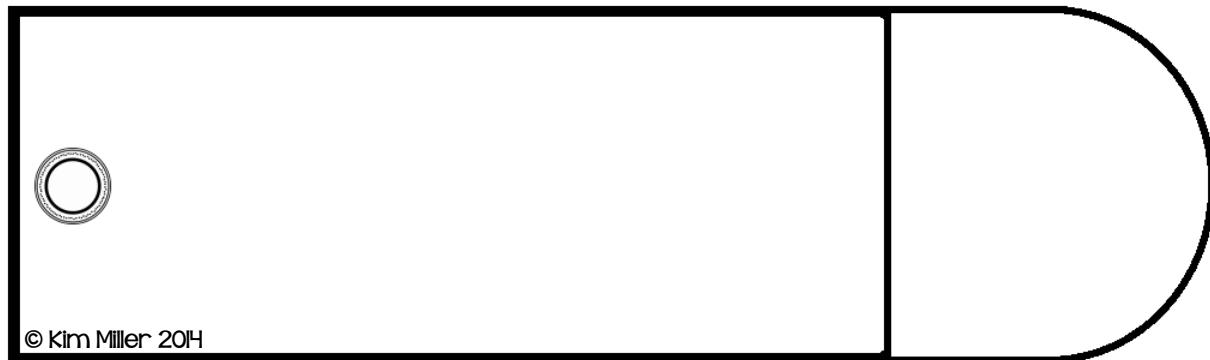


Decade
Century
Millennium

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Fill in the missing measurements for _____.

Cut out the fan. On the back, write: _____



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Fill in the missing measurements for _____.

Cut out the fan. On the back, write: _____



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Fill in the missing measurements for _____.

Cut out the fan. On the back, write: _____



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