
1 2 3 4 5
6 7 8 9 10
11 12 13 14 15
16 17 18 19
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4th Grade
Engage New York
Module 1
Place Value, Rounding, Addition and Subtraction
Place Value Chart
Rounding
Rounding Coaster
Adding with Regrouping
Subtraction with Regrouping
Comparing Whole Numbers
Comparing Numbers
HIGH FIVE!
Tips for Parents
QUALITY CONTENT

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4th Grade

Engage New York
Module 2
Word Problem measurement

Measurement and Conversions

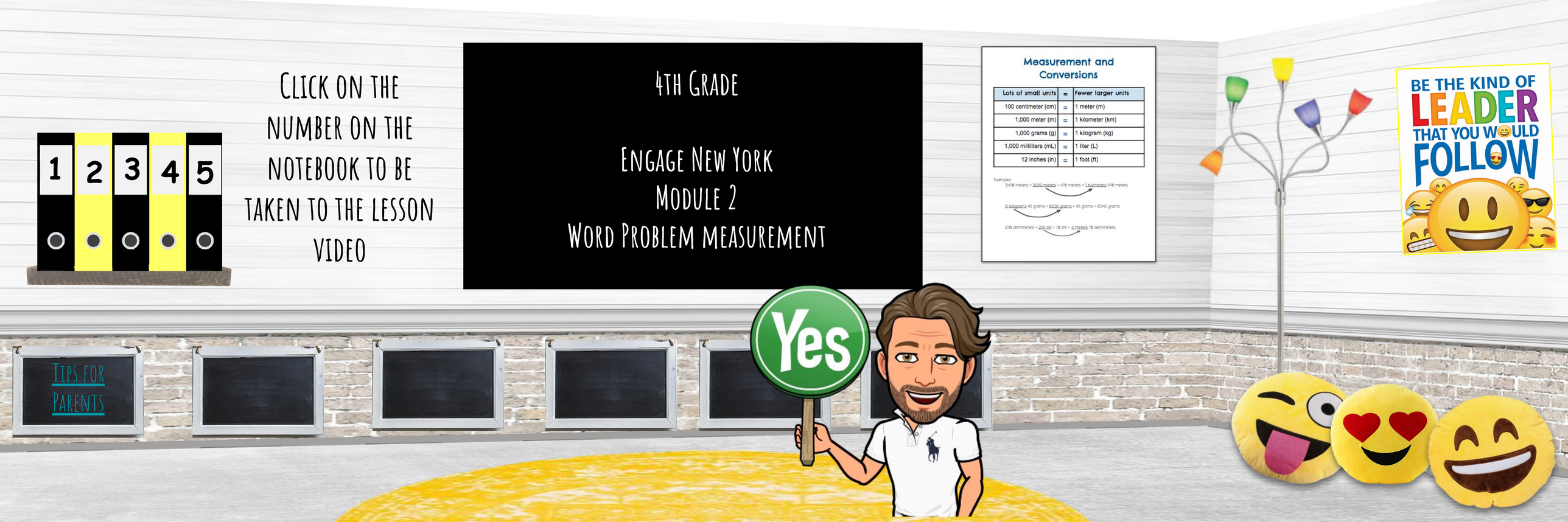
Lots of small units	=	Fewer larger units
100 centimeter (cm)	=	1 meter (m)
1,000 meter (m)	=	1 kilometer (km)
1,000 grams (g)	=	1 kilogram (kg)
1,000 milliliters (mL)	=	1 liter (L)
12 inches (in)	=	1 foot (ft)

Examples:

3,478 meters = 3,000 meters + 478 meters = 3 kilometers 478 meters

6 kilograms 45 grams = 6,000 grams + 45 grams = 6045 grams

278 centimeters = 200 cm + 78 cm = 2 meters 78 centimeters



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25 26 27 28 29 30 31

32 33 34 35 36 37 38

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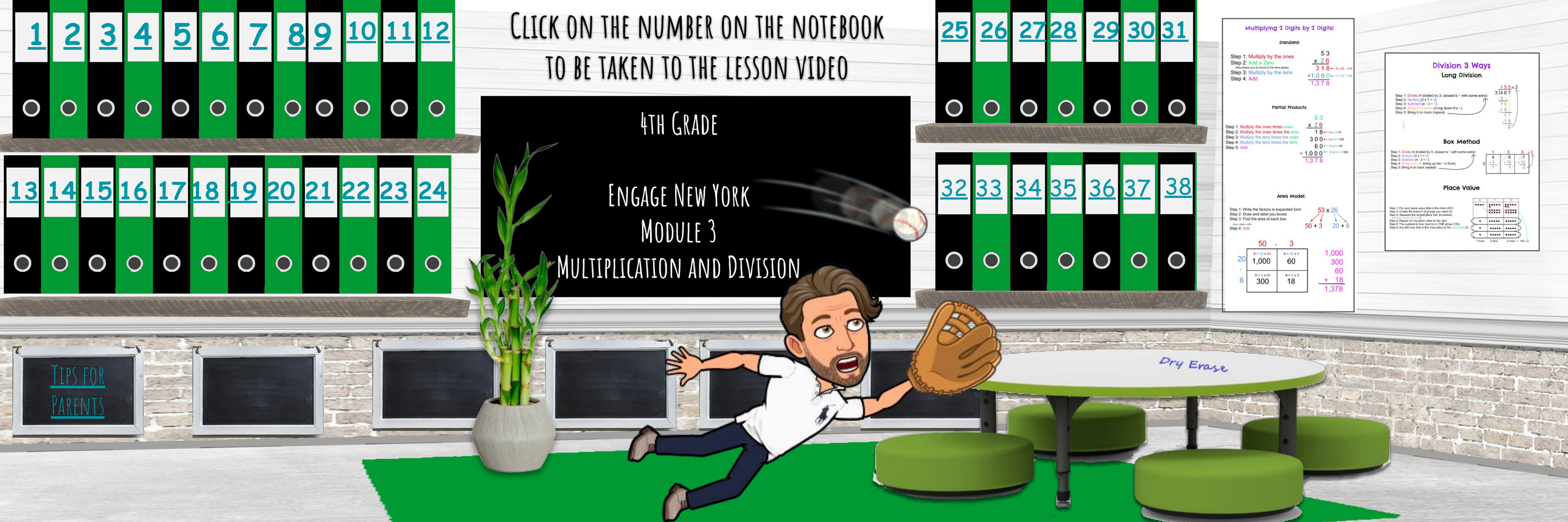
4th Grade

Engage New York
Module 3
Multiplication and Division



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1 2 3 4 5 6 7 8 9 10 11 12

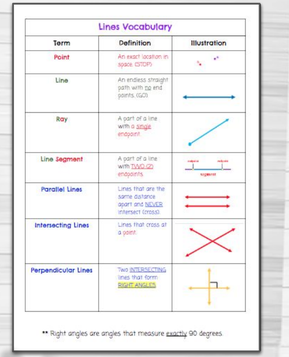
4th Grade

Engage New York Module 4 Geometry

13 14 15 16

Tips for Parents

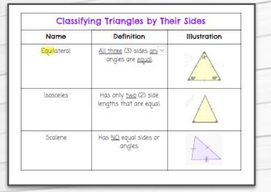
EXCELLENT



Lines Vocabulary

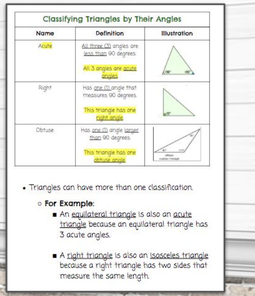
Term	Definition	Illustration
Point	An exact location in space. (DOT!)	
Line	An endless straight path with no end points. (GO)	
Ray	A part of a line with a single endpoint	
Line Segment	A part of a line with TWO (2) endpoints	endpoint endpoint segment
Parallel Lines	Lines that are the same distance apart and NEVER intersect (cross).	
Intersecting Lines	Lines that cross at a point	
Perpendicular Lines	Two INTERSECTING lines that form RIGHT ANGLES.	

** Right angles are angles that measure exactly 90 degrees.



Classifying Triangles by Their Sides

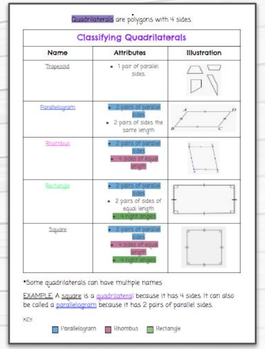
Name	Definition	Illustration
Equilateral	All three (3) sides are = in length. All angles are equal.	
Isosceles	Has only two (2) side lengths that are equal.	
Scalene	Has NO equal sides or angles.	



Classifying Triangles by Their Angles

Name	Definition	Illustration
Acute	All three (3) angles are less than 90 degrees. All 3 angles are acute angles.	
Right	Has one (1) angle that measures 90 degrees. This triangle has one right angle.	
Obtuse	Has one (1) angle larger than 90 degrees. This triangle has one obtuse angle.	

- Triangles can have more than one classification.
  - **For Example:**
    - An equilateral triangle is also an acute triangle because an equilateral triangle has 3 acute angles.
    - A right triangle is also an isosceles triangle because a right triangle has two sides that measure the same length.



Quadrilaterals are polygons with 4 sides.

Classifying Quadrilaterals

Name	Attributes	Illustration
Trapezoid	• 1 pair of parallel sides.	
Parallelogram	• 2 pairs of parallel sides • 2 pairs of sides the same length	
Rhombus	• 2 pairs of parallel sides • All sides are equal in length • Opposite angles are equal	
Rectangle	• 2 pairs of parallel sides • 2 pairs of sides of equal length • 4 right angles	
Square	• 2 pairs of parallel sides • All sides are equal in length • 4 right angles	

*Some quadrilaterals can have multiple names.

EXAMPLE: A square is a quadrilateral because it has 4 sides. It can also be called a parallelogram because it has 2 pairs of parallel sides.

KEY:

Parallelogram Rhombus Rectangle


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
34 35 36 37 38
39 40 41
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Module 5
Fractions
Tips for Parents


1 2 3 4 5
6 7 8 9 10
11 12 13 14 15
16
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Engage New York
Module 6
Decimals and Percents
The future of the world is in my classroom
Tips for Parents
Decimals
Hundred
Ten
One
Decimal
Tenths
Hundredths
Comparing Decimals
Adding Decimals
Money
Adding Money

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1 2 3 4 5 6 7 8 9 10

11 12 13 14

4th Grade

Engage New York
Module 7
Measurment with Multipl[illegible]v

Tips for Parents

I'M OUT.

Conversion Chart

Fewer big units	=	Many smaller units
1 pound (lb)	=	16 ounces (oz)
1 yard (yd)	=	3 feet (ft)
1 foot (ft)	=	12 inches (in)
1 gallon	=	4 quarts
1 quart	=	2 pints
1 pint	=	2 cups
1 minute	=	60 seconds
1 hour		60 minutes
1 day		24 hours

Use multiplication to convert from a larger size unit to a small size unit
Use division to convert from a smaller size unit to a bigger size unit
Example:
How many feet are in 4 yards?
1 yard is 3 feet

4 yards
3 ft | 3 ft | 3 ft | 3 ft

So if we have 4 groups of 3 feet
We could do 4 x 3 = 12 ft

How many gallons is 22 quarts?

22 quarts
1 qt | 1 qt | 1 qt | 1 qt | 1 qt | 1 qt | 1 qt | 1 qt | 1 qt | 1 qt | 1 qt | 1 qt

20 quarts = 5 gallons 2 quarts

22 divided by 4 is 5 with a remainder of 2.
5 gallons 2 quarts