

# Math Vocabulary

## Grades 3-5

(Starred words are fifth grade terms)

### GENERAL WORDS

<ul style="list-style-type: none"> <li>▪ more</li> <li>▪ equation</li> <li>▪ combine</li> <li>▪ predict</li> <li>▪ value</li> </ul>	<ul style="list-style-type: none"> <li>▪ less</li> <li>▪ equivalent</li> <li>▪ number</li> <li>▪ estimate</li> <li>▪ missing</li> </ul>	<ul style="list-style-type: none"> <li>▪ equals</li> <li>▪ labeled</li> <li>▪ none of these</li> <li>▪ approximately</li> <li>▪ how many</li> </ul>	<ul style="list-style-type: none"> <li>▪ find</li> <li>▪ in all</li> <li>▪ order</li> <li>▪ about</li> <li>▪ identical</li> </ul>	<ul style="list-style-type: none"> <li>▪ solve</li> <li>▪ total</li> <li>▪ round</li> <li>▪ amount</li> <li>▪ quantity*</li> </ul>
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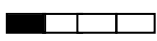

### CALCULATIONS & ESTIMATIONS

(Starred words are fifth grade terms)

#### Number Words


- add → sum
- subtract → difference
- multiply → product
- divide → quotient\*
- remainder (  $21 \div 4 = 5 \text{ r}1$  )
- digit → ( 1, 2, 3, 4, 5, 6, 7, 8, 9, 0 )
- odd/even → 1, 3, 5, 7, 9 / 2, 4, 6, 8, 10
- ones, tens, hundreds, thousands
- million, billion
- first, second, third, fourth etc.
- order ( 25, 367, 6079 are in order from smallest to greatest)
- compute
- multiples ( 18 is a multiple of 3 )
- factors ( 5 is a factor of 25 )
- primes\*
- place value
- regroup ( 121 can be regrouped into 12 tens and 1 one)
- round ( 195 rounded to the nearest 10 is 200)
- greater than > (  $10 > 9$  )
- less than < (  $3 < 5$  )

#### Fractions and Decimals

- whole
- equal parts
- shaded part   $3/6 = 1/2$
- half →  $1/2$  
- quarter →  $1/4$  
- third →  $1/3$  
- numerator\*
- denominator\*
- simplify\*
- common denominator\*
- tenths, hundredths, thousandths\*

### STATISTICS AND PROBABILITY

(Starred words are fifth grade terms)

- chances
- likely
- unlikely
- combinations(2 coins: head/head, head/tail, tail/head, tail/tail)
- data
- dice
- die (one  )
- mean → average\*
- median → middle\*
- mode → most\*
- probability
- spinner
- graph
- bar graph
- line graph

### ALGEBRAIC RELATIONSHIPS

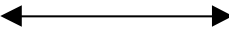



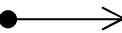
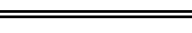







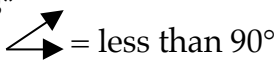
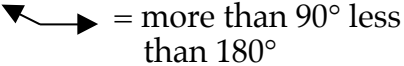
(Starred words are fifth grade terms)

- pattern
- "generate a pattern"
- "next element in a pattern"
- number sentence (  $2 + 2 = 4$  )
- relationship\*
- sequence\*
- table
- "what comes next?" ( 2, 4, 6, 8,    )
- "which doesn't belong" ( 2, 4, 5, 6, 8, 10 )





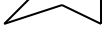














## GEOMETRY

## MEASUREMENT



### Words

- line 
- line segment 
- angle 
- right angle 
- ray 
- parallel 
- intersecting 
- diagonal 
- horizontal 
- vertical 
- figures
- shapes
- congruent (same size and shape)
- similar\* (same shape, different size)
- closed 
- open 
- symmetry / symmetrical 
- corner
- vertex\*
- sides
- edges
- faces
- irregular shapes
- slides (translations)
- turns (rotations)
- flips (reflections)
- construct
- coordinate grid\*
- axis\*
- planes\*
- acute\*  = less than  $90^\circ$
- obtuse\*  = more than  $90^\circ$  less than  $180^\circ$





### Shapes

- square 
- triangle 
- rectangle 
- circle 
- polygon 
- pentagon 
- hexagon 
- octagon 
- figure
- cube 
- sphere (ball) 
- cone  (ice cream cone)
- cylinder  (can)
- rectangular solid  (box)
- parallelogram\* 
- equilateral\* All three sides are the same length
- isosceles\* Two sides are the same length
- scalene\* No side is the same length as any other
- quadrilateral\* 
- perpendicular\* 
- diameter\* 
- radius\* 
- chord\* 

### Distance / Length

- centimeter (cm) = 10 mm
- meter (m) = 100 cm
- kilometer (km) = 1000 m
- millimeter (mm)\*
- inch (in.) 1"
- foot (ft.) = 12 inches
- yard = 3 feet
- mile 
- perimeter (distance around) 
- circumference\* (distance around a circle)
- longer / longest
- shorter / shortest
- tall / tallest
- closer

### Capacity

- liter (l) = 1,000 ml (pop comes in 2L bottles)
- ml (ml)
- cup 
- pint (  = 2 cups)
- quart (  = 4 cups)
- gallon (  = 4 quarts)

### Weight

- gram (g) (small paper clip)
- kilogram (kg) = 1000 g (dictionary)
- ounce (oz.)
- pound (lb.) = 16 ounces
- ton = 2000 lbs.
- heavier / heaviest
- lighter / lightest
- weighs

### Time

- second
- minute = 60 seconds
- hour = 60 minutes
- hours  $\leftarrow$  : :  $\rightarrow$  minutes
- after / until
- half past
- elapsed\*
- week = 7 days
- month
- year = 12 months = 52 weeks\*
- century\* = 100 years

### Area and Volume

- sides of polygons
- unit squares
- unit cubes

### Money

- value
- penny
- dime (10¢)
- quarter (25¢)
- half dollar (50¢)
- dollar (\$1.00)
- coin
- change