

**G6 words to know (\*= must know! Bold= charades)**

**Number sense:**

<b>Number sense</b>	<b>Patterns</b>	<b>Geometry</b>	<b>Measurement</b>	<b>Data/probability</b>
<b>Integer*</b>	Variable *	Triangles	<b>Perimeter*</b>	<b>Mean *</b>
<b>Exponent</b>	Evaluate *	<b>Acute, scalene, isosceles *</b>	<b>Area*</b>	<b>Median *</b>
<b>Power of ten 10<sup>2</sup> 10<sup>3</sup> 10<sup>5</sup></b>	Input output table	<b>Right acute obtuse *</b>	Proportion	<b>Mode *</b>
<b>Ratio</b>	Equation	<b>Quadrilateral *</b>	<b>Inch, feet, yard, mile *</b>	<b>Maximum *</b>
<b>Number line</b>	Constant rate of change *	<b>Square, rectangle, rhombus *</b>	<b>Mm, cm, m, km *</b>	<b>Minimum *</b>
<b>Fraction</b>	Linear equation?	<b>Parallelogram*</b>	<b>Liter ml kl *</b>	<b>Range *</b>
<b>Mixed number</b>	<b>n</b>	<b>Trapezoid *</b>	<b>Gram mg, kg *</b>	<b>Stem and leaf *</b>
<b>Improper fraction</b>	Rule	<b>Cube, prism *</b>	Scale model	<b>Line plot *</b>
<b>Numerator</b>	Number expression	<b>Cone, cylinder *</b>	½ bh	Circle graph *
<b>Denominator</b>		<b>Pyramid *</b>	A =bh	Fewer/more than *
<b>Percent</b>		<b>Edge, face, vertices *</b>	<b>Circumference *</b>	Key
<b>Decimal</b>		<b>Intersect, parallel, perpendicular *</b>	∏ pi *	data
<b>Tenths hundredths thousandths *</b>		<b>Coordinate points Ordered pairs *</b>	<b>Radius, diameter *</b>	
<b>Greater/less than &lt; &gt; *</b>		<b>X axis Y axis *</b>	<b>Volume *</b>	<b>Other words</b>
<b>Prime *</b>		<b>Plot</b>	<b>Surface area *</b>	population
<b>Composite</b>		<b>Congruent *</b>	<b>Length, width, height *</b>	Interpret
<b>Multiple (lowest common multiple)</b>		Interior angles	<b>Ounce/cup/pint quart/ gallon</b>	Satisfy
<b>Prime factorization *</b>		3 and 2 dimensional figures	<b>Ounce pound ton</b>	justify
Greatest common factor		<b>Length, width, height, base, altitude *</b>	Fahrenheit 32-212	
<b>Divisibility(rules) *</b>		<b>point</b>	Celsius 0-100	
<b>Divisor/quotient</b>		<b>Ray, line, line segment</b>	Square units Cubic units	
<b>Reciprocal</b>		<b>Net *</b>	Graduated cylinder	
Simplify		<b>Top, front, side view *</b>		
Equivalent		Perspective		
<b>Estimate/round</b>		representation		
Square number		<b>quadrant</b>		
<b>Digit</b>		<b>solid</b>		
Odd/even		grid		
Consecutive		<b>pattern</b>		
Operation				
Profit *				
proportion				

**G7 words to know (\*= must know! Bold= charades)**

**Number sense:**

<b>Number sense</b>	<b>Patterns</b>	<b>Geometry</b>	<b>Measurement</b>	<b>Data/probability</b>
<i>Unit rate</i>	<i>Represent</i>	<i>Similarity *</i>	$A = bh$	Tree diagram
<i>Scale drawing</i>	<i>Variable expression</i>	<b><i>Congruence *</i></b>	$A = \frac{1}{2} bh$	Probability*
<b><i>Absolute value *</i></b>	<i>Equation</i>	<b><i>Transversal</i></b>	$A = \pi r^2$	Likely*
<i>Order of operations</i>	<i>Linear relationships</i>	<b><i>Alternate interior/exterior</i></b>	$A = (b1 + b2)/2 * h$	Unlikely *
<b><i>Approximate *</i></b>	<i>Positive/ negative rate of change*</i>	<b><i>Corresponding *</i></b>	$SA = 2lw + 2hw + 2lh$	Compound event
			$V = lwh$	Outcome*
<b><i>Scale drawing</i></b>		<b><i>Vertical angles</i></b>	$V = \pi r^2 h$	
<i>Rational numbers</i>	Variable *	<b><i>Supplementary</i></b>		<b>Mean *</b>
<i>Proportion</i>	Evaluate *	<b><i>Complimentary</i></b>		<b>Median *</b>
	Input output table	<i>Compass</i>		<b>Mode *</b>
<b>Reciprocal</b>	Constant rate of change *	<i>Protractor</i>	<b>Perimeter*</b>	<b>Maximum *</b>
			<b>Area*</b>	
			Proportion	
<b>Estimate/round</b>	<b>n</b>		<b>Circumference *</b>	<b>Minimum *</b>
<b>Integer*</b>	Rule	<b>Intersect, parallel, perpendicular *</b>	$\pi$ pi *	
<b>Exponent</b>	Number expression	<b>Coordinate points Ordered pairs *</b>	<b>Radius, diameter *</b>	<b>Range *</b>
<b>Ratio *</b>	Compound interest	<b>X axis Y axis *</b>	<b>Volume *</b>	<b>Other words</b>
<b>Number line</b>		<b>Plot</b>	<b>Surface area *</b>	population
<b>Fraction</b>		representation	<b>Length, width, height *</b>	Interpret
<b>Mixed number</b>				Satisfy
<b>Improper fraction</b>				justify
<b>Numerator</b>				
<b>Denominator</b>				
<b>Percent</b>				
<b>Decimal</b>				
<b>Tenths hundredths thousandths *</b>				
<b>Greater/less than &lt; &gt; *</b>				
<b>Profit *</b>				

**G8 new words to know** (\*= must know! **Bold**= charades)

**Number sense:**

<b>Number sense</b>	<b>Patterns</b>	<b>Geometry</b>	<b>Measurement</b>	<b>Data/probability</b>
<i>Irrational numbers*</i> <i>Square root of 2</i>	<b>Slope*</b>	<i>Interior exterior measures of angles of polygons</i>	<b>Sphere</b>	<i>Venn diagram</i>
<i>Scientific notation*</i>	$Y = mx + b^*$	<b>Pythagorean theorem *</b>	<b>Velocity</b>	<i>Scatterplot</i>
<b>Square root*</b>	<b>Y intercept*</b>	<b>Legs *</b>	<i>Density</i>	<i>Stem and leaf</i>
<i>Rules of powers</i>	<b>X intercept*</b>	<b>Hypotenuse *</b>		<i>Box and whiskers</i>
	<i>Function</i>	$a^2 + b^2 = c^2$	<b>Circumference *</b>	<i>Histogram</i>
Unit rate	<i>Inverse relations</i>	<i>Transformation</i>	$\square$ pi *	<i>Quartile</i>
Scale drawing	Represent	<b>Reflection</b>	<b>Radius, diameter *</b>	<b>Continuous/ discreet data</b>
<b>Absolute value *</b>	Variable expression	<b>Rotation *</b>	<b>Volume *</b>	<b>sample</b>
Order of operations	Equation	<b>Translation*</b>	<b>Surface area *</b>	
<b>Approximate *</b>	Linear relationships	<i>Tessellation*</i>	<b>Length, width, height *</b>	
	Positive/ negative rate of change*		<b>Perimeter*</b>	
<b>Scale drawing</b>		Similarity *	<b>Area*</b>	
Rational numbers	Variable *	<b>Congruence *</b>	Proportion	<b>Mean *</b>
Proportion	Evaluate *	<b>Transversal</b>	A =bh	<b>Median *</b>
	Input output table	<b>Alternate interior/expterior</b>	A= 1/2 bh	<b>Mode *</b>
<b>Reciprocal</b>	Constant rate of change *	<b>Corresponding *</b>	$A = \pi r^2$	<b>Maximum *</b>
<b>Estimate/round</b>	n	<b>Vertical angles</b>	$A = (b1 + b2)/2 *h$	<b>Minimum *</b>
<b>Integer*</b>	Rule	<b>Supplementary</b>	$SA=2lw + 2hw + 2lh$	<b>Range *</b>
<b>Exponent</b>	Number expression	<b>Complimentary</b>	V=lwh	<b>Other words</b>
<b>Ratio *</b>	Compound interest	<b>Intersect, parallel, perpendicular *</b>	$V = \pi r^2 h$	population
<b>Number line</b>		<b>Coordinate points Ordered pairs *</b>		Interpret
<b>Fraction</b>		<b>X axis Y axis *</b>		Satisfy
<b>Mixed number</b>		<b>Plot</b>		justify
<b>Improper fraction</b>		representation		
<b>Numerator</b>				
<b>Denominator</b>				
<b>Percent</b>				
<b>Decimal</b>				
<b>Tenths hundredths thousandths *</b>				
<b>Greater/less than &lt; &gt; *</b>				
<b>Profit *</b>				

**Math Vocabulary: 8 geometry measurement**

Put a 3 next to words you really, really know!

Put a 2 next to words pretty much know, not sure you could explain it

Put a 1 next to words you've heard of, but don't really know

Put a 0 if you have never heard this word

Score:

1. **Pythagorean theorem**

2. **Legs/hypotenuse**

3. **rotation**

4. **translation**

5. **reflection**

6. **transversal**

7. **congruent angles**

8. **scientific notation**

9. **supplementary**

10. **similarity**

11. **corresponding**

12. **circumference**

13. **volume**

14. **surface area**

15. **vertical angles**

**Math Vocabulary: 8 numbers patterns data**

Put a 3 next to words you really, really know!

Put a 2 next to words pretty much know, not sure you could explain it

Put a 1 next to words you've heard of, but don't really know

Put a 0 if you have never heard this word

Score:

1. **irrational number**

2. **range**

3. **mode**

4. **mean**

5. **median**

6. **maximum**

7. **minimum**

8. **scientific notation**

9. **ratio**

10. **absolute value**

11. **key**

12. **data**

13. **slope**

14. **square root**

15. **y intercept**

**Math Vocabulary: 6**

Put a 3 next to words you really, really know!

Put a 2 next to words pretty much know, not sure you could explain it

Put a 1 next to words you've heard of, but don't really know

Put a 0 if you have never heard this word

Score:

1. **distributive property**

2. **ratio/ proportion**

3. **absolute value**

4. **integer**

5. **mean median mode**

6. **range**

7. **coefficient**

8. **isosceles triangle**

9. **trapezoid**

10. **common factor**

11. **rational number**

12. **quartile**

13. **net for a right rectangular prism**

14. **line plot**

15. **volume/ surface area**

**Math Vocabulary: 7 numbers patterns data**

Put a 3 next to words you really, really know!

Put a 2 next to words pretty much know, not sure you could explain it

Put a 1 next to words you've heard of, but don't really know

Put a 0 if you have never heard this word

Score:

3. integers

4. ratio

3. absolute value

15. proportion

16. mean median mode

17. positive rate change

18. mode

19. maximum

20. minimum

21. probability

22. rational number

23. tree diagram

24. range

25. parenthesis

15. compound event

**Math Vocabulary: 7 geometry measurement**

Put a 3 next to words you really, really know!

Put a 2 next to words pretty much know, not sure you could explain it

Put a 1 next to words you've heard of, but don't really know

Put a 0 if you have never heard this word

Score:

1. **congruent**

2. **similar triangles**

3. **transversal**

4. **coordinates**

5. **circumference**

6. **PI  $\pi$**

7. **Surface area**

8. **volume**

9. **perimeter**

10. **cylinder**

11. **prism**

12.  **$A = \frac{1}{2} bh$**

13.  **$SA = 2(lw) + 2(hw) + 2(lh)$**

14. **parallelogram**

15. **isosceles trapezoid**

**Math Vocabulary: Grade 6: Geometry/Masurement (G1,2,3,4,9,M1,3,4,5,6)**

Put a 3 next to words you really, really know!

Put a 2 next to words pretty much know, not sure you could explain it

Put a 1 next to words you've heard of, but don't really know

Put a 0 if you have never heard this word(s)

Score:

1. **area/perimeter**

2. **isosceles trapezoid**

3. **meter, kilometer**

4. **inch, feet, yard**

5. **scale model**

6. **parallelogram**

7. **radius/diameter**

8.  $\pi$  (PI)

9. **circumference**

10. **volume**

11. **surface area**

12. **coordinate points**

13. **perpendicular**

14. **prism**

15. **sphere**

**Math Vocabulary: Grade 6: Geometry/Masurement Part 2 (G1,2,3,4,9,M1,3,4,5,6)**

Put a 3 next to words you really, really know!

Put a 2 next to words pretty much know, not sure you could explain it

Put a 1 next to words you've heard of, but don't really know

Put a 0 if you have never heard this word(s)

Score:
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- 1. **rhombus**
- 2. **right triangle**
- 3. **cones/pyramids**
- 4. **edges, faces**
- 5. **dimensions**
- 6. **congruent**
- 7. **equilateral triangle**
- 8. **scalene triangle**
- 9. **obtuse triangle**
- 10.  **$A = \frac{1}{2} bh$**
- 11. **1 inch : 50 miles**
- 12.  **$C = \pi d$  or  $2\pi r$**
- 13.  **$V=(l)(w)(h)$**
- 14. **interior angle**
- 15. **parallel**

**Math Vocabulary: Grade 7: Geometry/Masurement Part 1 (G1,2,3,4,9,M1,3,4,5,6)**

Put a 3 next to words you really, really know!

Put a 2 next to words pretty much know, not sure you could explain it

Put a 1 next to words you've heard of, but don't really know

Put a 0 if you have never heard this word(s)

Score:
--------

- 1. **rhombus**
- 2. **right triangle**
- 3. **cones/pyramids**
- 4. **edges, faces**
- 5. **dimensions**
- 6. **congruent**
- 7. **equilateral triangle**
- 8. **scalene triangle**
- 9. **obtuse triangle**
- 10.  **$A = \frac{1}{2}bh$**
- 11. **1 inch : 50 miles**
- 12.  **$C = \pi d$  or  $2\pi r$**
- 13.  **$V=(l)(w)(h)$**
- 14. **interior angle**
- 15. **parallel**

**M Math Vocabulary and Skills 5+**

Put a 3 next to words/skills you really, really know!

Put a 2 next to words/skills you pretty much know, unsure you could explain it

Put a 1 next to words/skills you've heard of, but don't really know

Put a 0 if you have never heard this word or seen this skill

Score:

**3. mixed number, improper fraction**

**4. numerator/ denominator**

**3. simplify/ equivalent**

**15.number line**

**16.< > =**

**17.factor**

**18.multiple**

**19.lowest common denominator**

**20.ratio**

**21. divisor/quotient/dividend**

**22. percent, %**

**23. decimal (0.333)**

**24. approximate**

**25. reciprocal**

**15. area**

**Math Vocabulary and Skills 6+**

Put a 3 next to words/skills you really, really know!

Put a 2 next to words/skills you pretty much know, unsure you could explain it

Put a 1 next to words/skills you've heard of, but don't really know

Put a 0 if you have never heard this word or seen this skill

Score:

1 adding fractions different denominators  $\frac{1}{2} + 2\frac{1}{4} =$

2 changing from mixed to improper and back  $\frac{8}{3} =$

3. simplifying fractions ( $\frac{8}{12} =$  )

4. comparing fractions ( $\frac{4}{3} > \frac{5}{4}$ ?)

5. finding fractions on a number line \_\_\_\_\_

6. finding a fraction of a whole ( $\frac{2}{3}$  of 12)

7. writing a ratio

8. using a ratios to solve problems

9. finding the unit ratio

10. changing fractions to decimals and back

11. changing fractions to percents and back

12. solving word problems with fractions

13. drawing fractions models

14. finding common factors and multiples

15. multiplying and dividing fractions

**G 7-8 Math Vocabulary and Skills**

Put a 3 next to words/skills you really, really know!

Put a 2 next to words/skills you pretty much know, unsure you could explain it

Put a 1 next to words/skills you've heard of, but don't really know

Put a 0 if you have never heard this word or seen this skill

Score:

**5. Adding fractions**

**6. Using formulas for area/volume**

**3. Finding mean, median, mode**

**26. Using distributive property**

**27. Factoring polynomials**

**28. Using FOIL**

**29. Finding the slope**

**30. Finding y intercept**

**31. Isolating y (solve for variable)**

**32. Simplifying radicals**

**33. finding x intercept**

**34. using Pythagorean theorem**

**35. using 30 60 90**

**36. Transformations**

**15. finding % of a number**

**G 7-8 Math Vocabulary and Skills**

Put a 3 next to words/skills you really, really know!

Put a 2 next to words/skills you pretty much know, unsure you could explain it

Put a 1 next to words/skills you've heard of, but don't really know

Put a 0 if you have never heard this word or seen this skill

Score:

**3 finding area of triangle, trapezoid**

**4 finding volume of solids**

**3. finding interior angles**

**15. finding area/circumference circles**

**16. using scientific notation**

**17. convert fractions and decimals**

**18. minimum, maximum, range**

**19. understanding a line plot**

**20. stem and leaf plot**

**21. finding the "line of best fit"**

**22. absolute value and order operations**

**23. graphing inequalities**

**24. rounding to nearest tenth**

**25. using proportions and ratios**

**15. zero slope or undefined slope**