

# Math Vocabulary “Who Has” Game

## Who Has – Grade 1-8

**Skills-** This game can be designed for all content areas in a variety of genre

### Activity Description-

*Who Has* games can be written to fit every national content standard in every curriculum area. This game may be used for reinforcement, practice or assessment. The cards can be teacher-created or purchased at most educational supply stores. The game can be used repeatedly with little chance of a student getting the same card twice in a row. This game is used for teaching listening skills as well as reinforcing, reviewing or assessing content.

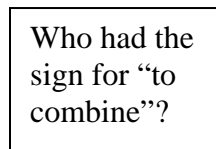
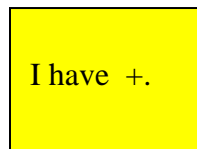
The first game in the *Who Has* series is for learning and reviewing math vocabulary.

### Number of Players – 8 or more

Each student is given one or more *Who Has* cards.

### Materials

- 5 X 8 index cards
- Sample card



## Math Vocabulary for Vocabulary *Who Has*

This game teaches 72 math vocabulary words

Reflection, congruent, turn, transformation, rotation, right angle, acute angle, parallel lines, perpendicular lines, perimeter, slide, line segment, translation, average, mean, median, prime number, sum, difference, addition sign, subtraction sign, multiplication sign, line, decimal, mixed number, fraction, multiple, product, similar, flip, triangle, pentagon, trapezoid, octagon, square, rectangle, nonagon, parallelogram, heptagon, hexagon, decagon, rhombus, ray, line, sphere, cone, circle, ellipse, dodecahedron, polyhedron, January, February, June, July, August, September, October, November, December, Veteran’s Day, Christmas, Thanksgiving, Martin Luther King, Valentine’s Day, Memorial Day, Labor Day, Halloween, Easter, Independence Day, Columbus Day

### Directions

1. Give each student a card until all cards are distributed. If there are more cards than students, each student may receive more than one card.
2. A designated student will start by reading his card. She/He will say, “I have ..... Who has .....?”
3. Whoever has the answer to the question will then read his card, “I have..... Who has .....?”

4. Play continues until the first child reads his card again.

**Teacher Notes:** This game can be played repeatedly since each day it is likely that students will get a different card. The first time the game is played, it is lengthy, but the more content students learn, the more quickly the game will be played. Students love to be “timed” while playing and try to beat a record. Upper elementary, middle and high school students may design a *Who Has* game for a challenging assignment. This is the perfect game to play when students need to be calmed down. i.e. after lunch, after PE etc.

### **Differentiation**

**Below Level Support**— These students will use cards that are age and ability appropriate.

**Above Level Support**— These students will design their own *Who Has* game. If possible, give the above level students more than one card.

**ELL Support**— These students will use cards that are ability appropriate. ELL students need only learn the terms “Who Has” and “I have”.

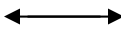
This game is good for gauging students’ level of understanding or mastery of concepts.

### **Lesson Extensions**

The Who Has game concept can be used to teach a plethora of concepts. The:

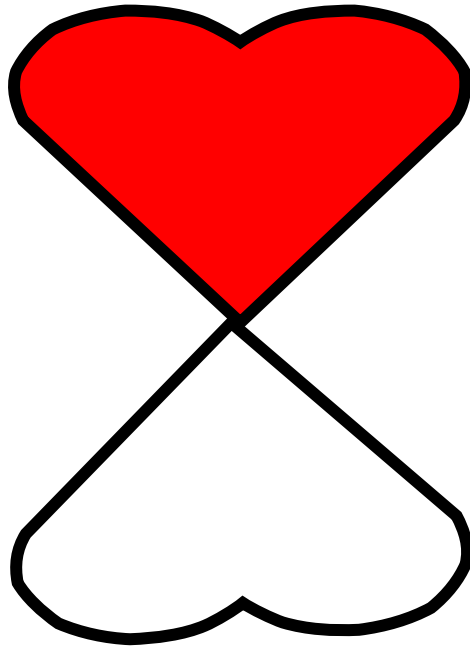
- States and Capitals (Social Studies)
- Countries and Names (Geography)
- Math facts – addition, subtraction, multiplication, division
- Content area vocabulary
- Literature and Quotes (English)
- Visual teaching aids (English Language Learners)
- Telling Time (Math)
- Money (Math)
- Mathematical formulas (All levels)
- Periodic chart (Chemistry)
- Molecular Structure
- Synonyms, homonyms, antonyms (English)
- Parts of Speech (English)
- Content area concepts (all content areas)
- Identification of Laws, rules, etc. (Foundations courses)

## Who Has – Extended Math Vocabulary

I have a <b>reflection</b> .	Who has the definition of <i>congruent</i> ?
I have the same size and shape.	Who has another word for the transformation called turn?
I have <b>rotation</b> .	Who has a right angle?
I have a <b>right angle</b> .	Who has the angle whose measure is less than 90 degrees?
I have an <b>acute angle</b> .	Who has the picture of parallel lines?
I have <b>parallel lines</b> .	Who has perpendicular lines?
I have <b>perpendicular lines</b> .	Who has the word that means the distance around a figure?
I have <b>perimeter</b> .	Who has another name for <i>slide</i> ?
I have <b>translation</b> .	Who has a picture of a line segment?
I have a <b>line segment</b> .	Who has the mathematical term for average?
I have the word <b>mean</b> .	Who has the word for middle number when analyzing data?
I have <b>median</b> .	Who has the only even prime number?
I have 2.	Who has the answer in an addition problem?
I have <b>sum</b> .	Who has the answer in a subtraction problem?
I have <b>difference</b> .	Who has the sign that shows “groups of”?
I have <b>X</b> .	Who has the sign that means “the same as”?
I have =.	Who has the sign that shows “to combine”?
I have +.	Who has a picture of a line?
I have a 	Who has a decimal number?
I have 1.5.	Who has 1.5 written as a mixed number?
I have 1 5/10.	Who has a word that means something “out of” something?
I have <b>fraction</b> .	Who has another word for “skip counting”?
I have <b>multiple</b> ?	Who has the answer in multiplication?
I have <b>product</b> ?	Who has the word for exactly the same shape, but a different size?
I have <b>similar</b> .	Who has the word for a three-sided polygon?
I have a <b>triangle</b> .	Who has my number of sides?
I have 3.	Who has a pentagon?
I have a <b>pentagon</b> .	Who has my number of angles?
I have 5.	Who has a trapezoid?
I have a <b>trapezoid</b> .	Who has an octagon?
I have an <b>octagon</b> .	Who has my number of sides?
I have 8.	Who has a square?
I have a <b>square</b> .	Who has a rectangle?
I have a <b>rectangle</b> .	Who has a nonagon?
I have a <b>nonagon</b> .	Who has my number of angles?
I have 9.	Who has a parallelogram?
I have a <b>parallelogram</b> .	Who has a heptagon?
I have a <b>heptagon</b> .	Who has my number of sides?
I have 7.	Who has the number of sides in a hexagon?

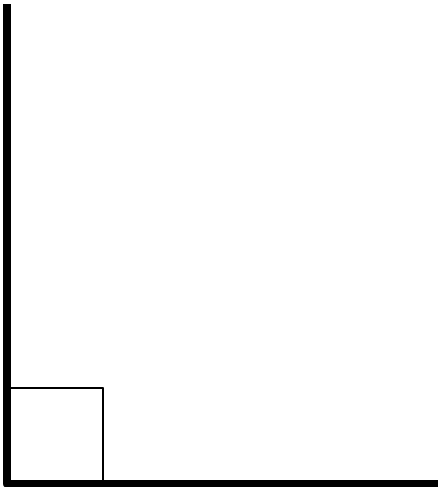
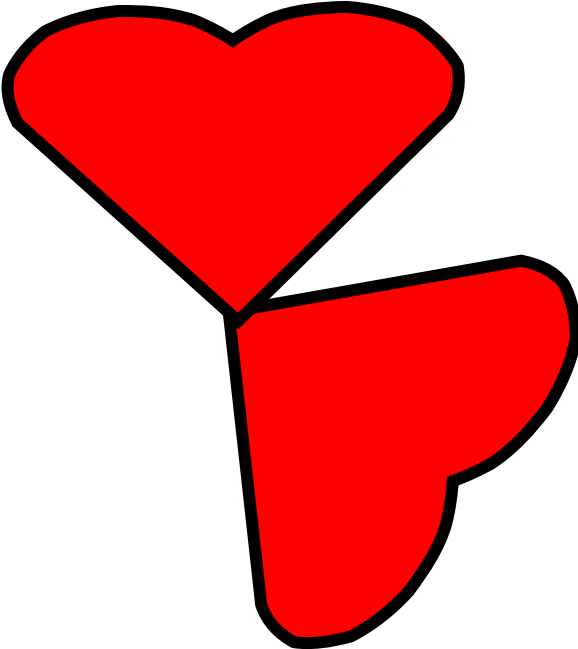
I have 6.	Who has a cube?
I have a <b>cube</b> .	Who has the number of angles in a decagon?
I have 10.	Who has 4 equal sides and 2 acute angles and 2 obtuse angles?
I have a <b>rhombus</b> .	Who has a ray?
I have a <b>ray</b> .	Who has a sphere?
I have a <b>sphere</b> .	Who has a cone?
I have a <b>cone</b> .	Who has a circle?
I have a <b>circle</b> .	Who has an ellipse?
I have an <b>ellipse</b> .	Who has a 3 dimensional figure with 12 faces?
I have a <b>dodecahedron</b> .	Who has a 3 dimensional figure with x faces?
I have a <b>polyhedron</b> .	Who has the sixth month of the year?
I have <b>June</b> .	Who has the month after me?
I have <b>July</b> .	Who has the eleventh month?
I have <b>November</b> .	Who has a spring month that begins with A”?
I have <b>April</b> .	Who has the month with only three letters?
I have <b>May</b> .	Who has the first month of the year?
I have <b>January</b> .	Who has the month before me?
I have <b>December</b> .	Who has the month with the least number of days?
I have <b>February</b> .	Who has the tenth month of the year?
I have <b>October</b> .	Who has the month before me?
I have <b>September</b> .	Who has the month before me?
I have <b>August</b> .	Who has the third month of the year?
I have <b>March</b> .	Who has the holiday in November celebrating the men and women who were in the armed services?
I have <b>Veteran’s Day</b> .	Who has the day in December where many people decorate a tree with colored lights?
I have <b>Christmas</b> .	Who has the day in November where many people eat turkey?
I have <b>Thanksgiving</b> .	Who has the day in January where we celebrate the birthday of a famous civil rights leader?
I have <b>Martin Luther King’s Birthday</b> .	Who has the day when love is in the air?
I have <b>Valentine’s Day</b> .	Who has the day in May when we remember those who died in the armed services?
I have <b>Memorial Day</b> .	Who has the day in September when we remember all of those who work?
I have <b>Labor Day</b> .	Who has the day in October when children trick or treat?
I have <b>Halloween</b> .	Who has the day in the spring that is rarely on the same Sunday?
I have <b>Easter</b> .	Who has the day in July when we celebrate our freedom?
I have <b>Independence Day</b> .	Who has the day in October when we celebrate the discovery of America?
I have <b>Columbus Day</b> .	Who has another name for <i>flip</i> ?

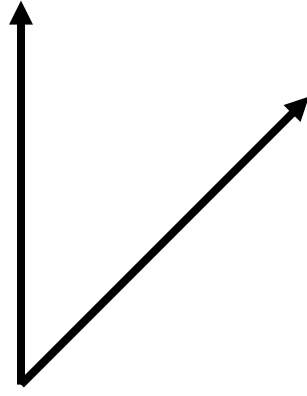
Cut and paste these words and symbols on 5X 8 index cards.

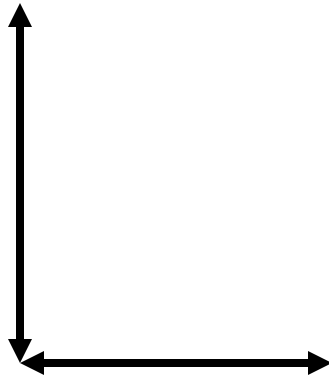


**Same Size  
and  
Same Shape**

rotation







**perimeter**

# translation



# Mean

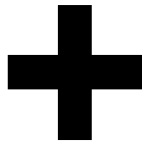
# Median

**2**

**sum**

# difference

# X





**1.5**

**1 5/10**

**fraction**

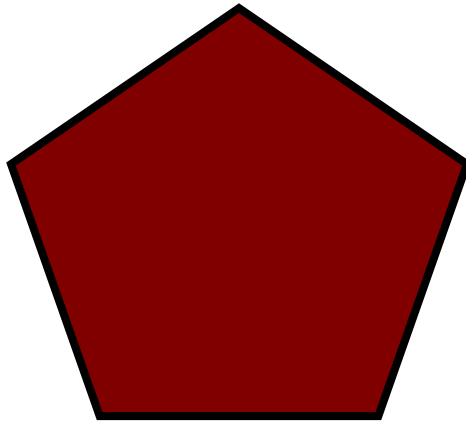
**multiple**

**product**

**similar**

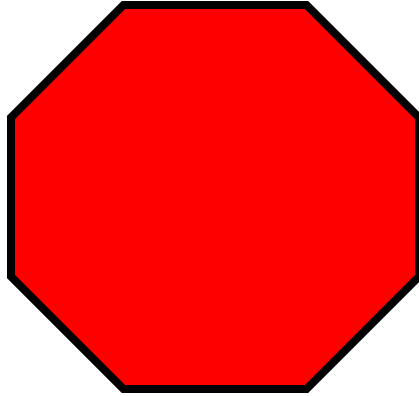
**triangle**

3

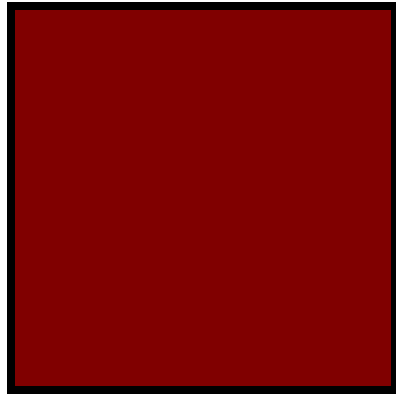


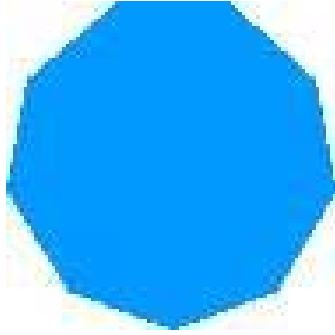
5



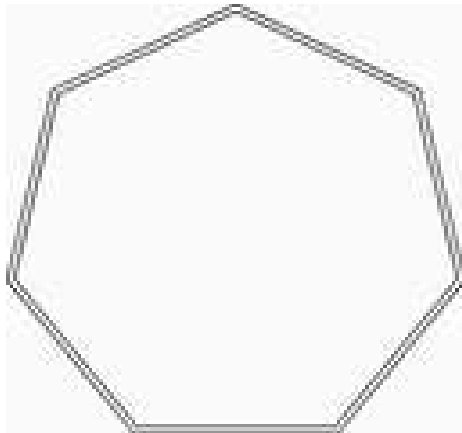


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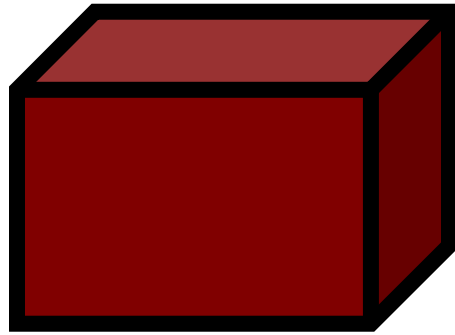


9



7

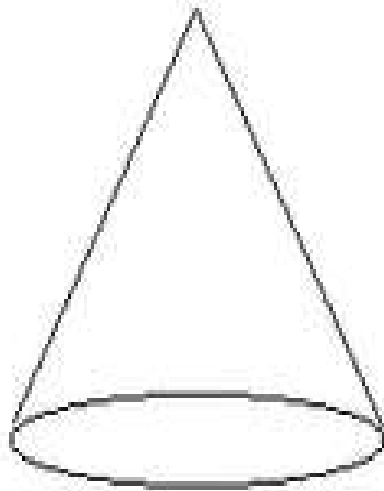
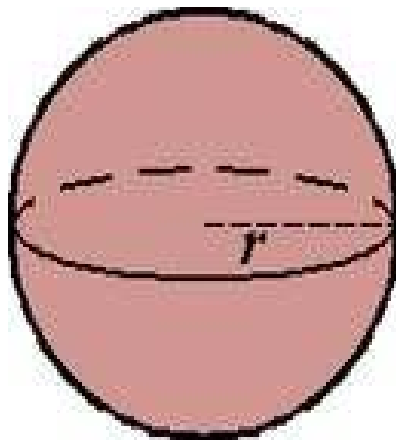
6

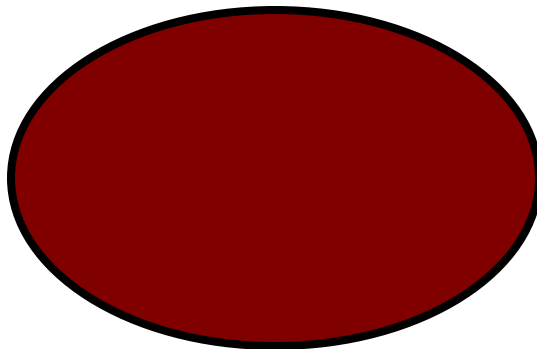
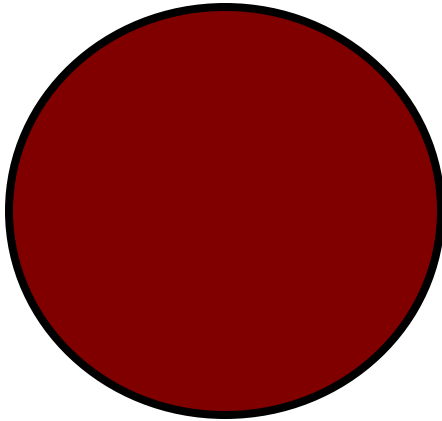


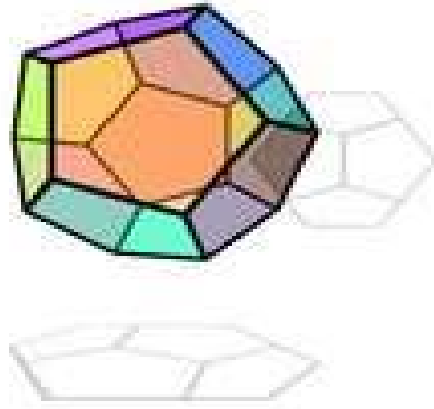
**10**

# rhombus









**polyhedron**

# June

# July

**November**

**April**

**May**

**January**

# December

# February

**October**

**September**

**August**

**March**

**Veteran's  
Day**

**Christmas**

**Thanksgiving**

**Martin Luther  
King's  
birthday**

**Valentine's  
Day**

**Memorial  
Day**

**Labor Day**

**Halloween**

# **Easter**

# **Independence Day**

# Columbus Day

**Who has the definition of  
*congruent*?**

**Who has another word for  
the transformation called  
*turn*?**

**Who has a right angle?**

**Who has the angle whose  
measure is less than  
90 degrees?**

**Who has the picture of  
parallel lines?**

**Who has the picture of  
perpendicular lines?**

**Who has the word that  
means the distance around  
a figure?**

**Who has another name for  
*slide*?**

**Who has a picture of a line  
segment?**

**Who has the mathematical  
term for *average*?**

**Who has the word for the middle number when analyzing data?**

**Who has the only even prime?**

**Who has the answer in an addition problem?**

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**Who has the sign that shows “groups of”?**

**Who has the sign that means “the same as”?**

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**Who has the picture of a line?**

**Who has a decimal number?**

**Who has the 1.5 written as a mixed number?**

**Who has a word that means  
“out of “ something?**

**Who has another word for  
*skip counting*?**

**Who has the answer in  
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**Who has the word for exactly  
the same shape, but a  
different size?**

**Who has the word for a  
three-sided polygon?**

**Who has my number of sides?**

**Who has a pentagon?**

**Who has my number of angles?**

**Who has a trapezoid?**

**Who has an octagon?**

**Who has my number of sides?**

**Who has a square?**

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**Who has a parallelogram?**

**Who has a heptagon?**

**Who has my number of sides?**

**Who has the number of sides in  
a hexagon?**

**Who has a cube?**

**Who has the number of angles  
in a decagon?**

**Who has 4 equal sides and 2 acute angles and 2 obtuse angles?**

**Who has a ray?**

**Who has a sphere?**

**Who has a circle?**

**Who has an ellipse?**

**Who has a 3-dimensional figure with twelve faces?**

**Who has a 3 dimensional figure  
with X faces?**

**Who has the sixth month?**

**Who has the month after me?**

**Who has the 11<sup>th</sup> month?**

**Who has a spring month that  
begins with the letter “A”?**

**Who has the month with only  
three letters?**

**Who has the first month of the year?**

**Who has the month before me?**

**Who has the month with the least number of days?**

**Who has the 10<sup>th</sup> month?**

**Who has the month before me?**

**Who has the month before me?**

**Who has the third month?**

**Who has the holiday in  
November celebrating the  
men and women who were in  
the armed services?**

**Who has the day in December  
where many people decorate a  
tree with colored lights?**

**Who has the day in November  
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**Who has the day in January  
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**Who has the day in September  
when we remember all of  
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**Who has the day in October  
when children trick or treat?**

**Who has the day in the spring  
that is rarely on the same  
Sunday?**

**Who has the day in July when  
we celebrate our freedom?**

**Who has the day in October  
when we celebrate the  
discovery of America?**

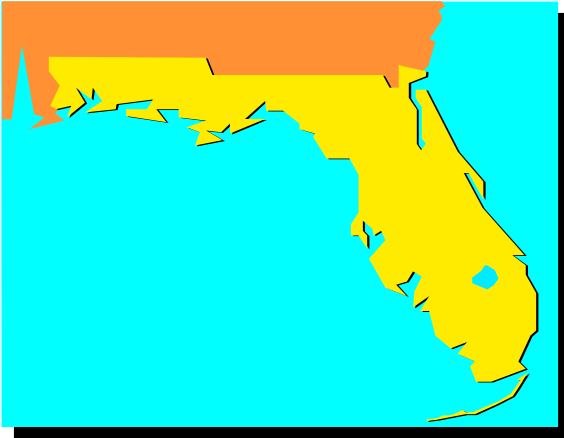
**Who has another word for  
*flip*?**

## Other Examples

**Who has**  
the person who  
said, "To be or  
not to be, that is  
the question."

I have  
**Hamlet.**

**Who Has**



I have the  
state of  
**Florida.**

**Who Has**  
the antonym of  
**Despair**

I have  
**Joy.**