

## Third Grade Math Vocabulary

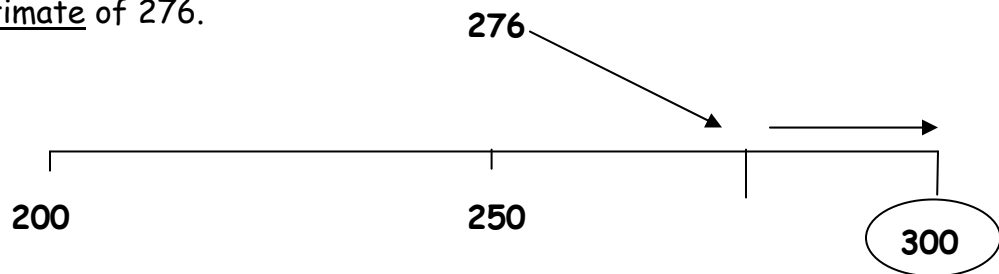
1. Compatible numbers-numbers that are easy to work with mentally

The numbers 25 and 70 are compatible numbers for estimating the sum of 22 and 73.

$$\begin{aligned} 22 + 73 \\ = 25 + 70 \end{aligned}$$

2. Estimate- a number close to an exact amount

Three-hundred is an estimate of 276.



3. Multiplication- the operation of repeated addition of the same number.

Multiplication is a shortcut for addition.



4. Factor- a number you multiply

Since  $6 \times 3 = 18$  then 6 and 3 are factors of 18.

Multiplication:

$$\begin{array}{c} \text{Factor} \quad \text{Factor} \quad \text{Product} \\ \color{blue}{6} \times \color{red}{3} = \color{green}{18} \end{array}$$

5. Product-the answer after you have multiplied

The product of 6 and 3 is 18.

Multiplication:

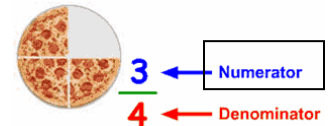
$$\underset{\text{Factor}}{6} \times \underset{\text{Factor}}{3} = \underset{\text{Product}}{18}$$

6. Quotient-the answer after you divide one number by another

The quotient of  $8 \div 4$  is 2.

$$8 \div 4 = \boxed{2}$$

7. Numerator-the top number in a fraction that shows the number of equal parts described



The "u" in numerator helps me remember it is up above the fraction bar

8. Denominator- the bottom number in a fraction that shows the total number of equal parts or groups.



The "d" in denominator helps me remember it is down below the fraction bar.

9. Multiplication and Division Fact Families - a group of facts that share the same numbers

Multiplication fact families make it easy to know division facts.

$3 \times 2 = 6$
$2 \times 3 = 6$
$6 \div 3 = 2$
$6 \div 2 = 3$

10. Table- a way to organize data using rows and columns

A table helps us see patterns and relationships.

Spider Legs

No. of Spiders	No. of Legs
1	8
2	16
3	24

11. Line of symmetry- the imaginary line that divides a figure into two congruent parts that are mirror images of each other.

I fold the heart in half to check for a line of symmetry.



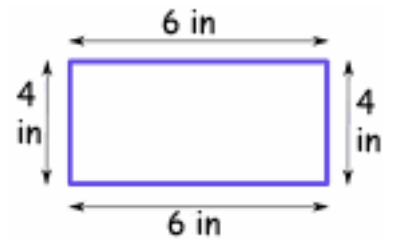
12. Congruent- the same shape and size

If I slide one shape on top of the other, I can tell if the shapes are congruent.



13. Perimeter-the distance around a figure

I measure and add all the sides to find the perimeter.



14. Gallon- a customary unit of capacity that equals 4 quarts.

Gasoline is sold by the gallon.



15. Quart- a customary unit of capacity that equals 2 pints

When I am thirsty, I can drink a quart of water.



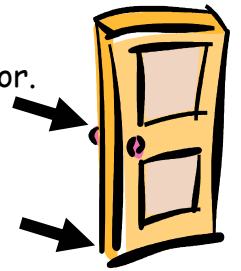
16. Pint- a customary unit of capacity that equals two cups

Sometimes my mom buys a pint of chocolate ice cream.



17. Yard- a customary unit of length that equals 3 feet

A yard is about the same length as it is from the door knob to the floor.



18. Foot- a customary unit of length that equals 12 inches

My arm is about a foot long.



19. Inch- a customary unit of length that is smaller than a foot.

I can use part of my finger to measure about an inch.



20. Volume- the number of cubic units it takes to fill a solid.

The volume is 5 cubic units because it takes about 5 cubes to fill the solid.

