







Division and multiplication. Equations with division.

# **REVIEW II**

## Quadrilateral

A Quadrilateral has four-sides, it is 2-dimensional (a flat shape), closed (the lines join up), and has straight sides.

### A quadrilateral that has 2 parallel sides is called trapezoid.

What is the difference between the trapezoid II and the quadrilaterals III, IV, V, and VI? How many parallel sides do these quadrilaterals have?

### A quadrilateral that is formed by 2 pairs of the parallel sides is called a parallelogram.

Examine the picture below. What is the difference between the quadrilateral IV and the

parallelogram III? How are the sides related to each other?

### A parallelogram with 4 equal sides is called rhombus.

Is there a parallelogram that has only 3 equal sides? Why, or why not?

Examine the picture below. What is the difference between the quadrilaterals V and VI and the other quadrilaterals on the picture? What kind of angles do they have?



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Rhombus A four-sided polygon with all four sides of equal length	Trapezoid A four-sided polygon with an exactly one pair of parallel sides. The two sides that are parallel are called the bases of the trapezoid.
What shape am I?         a) four sides; all sides equal; four right angles         b) four sides; opposite sides equal; four right angles         c) four sides; opposite sides parallel; no right angles         d) four sides; exactly two sides parallel         e) four sides; opposite sides equal; no sides perpendicular         e) four sides; opposite sides equal; no sides perpendicular	
Challenge Yourself	
Solve each word problem: a) A line segment was split into 8 parts. Each part was further split into 5 sections. How many sections was the segment split into? b) A watermelon can be balanced on a scale by x apples. An apple can be balanced by q strawberries. How many strawberries are needed to balance a watermelon?	