

Always, Sometimes or Never?

Name: _____

Quadrilaterals. Circle Always, Sometimes or Never for each sentence.

1. A square is a rectangle.

Always

Sometimes

Never

2. A rectangle is a square.

Always

Sometimes

Never

3. A square is a rhombus.

Always

Sometimes

Never

4. A rhombus is a square.

Always

Sometimes

Never

5. A rectangle is a parallelogram.

Always

Sometimes

Never

6. A parallelogram has only one pair of parallel sides.

Always

Sometimes

Never

7. A parallelogram is a rectangle.

Always

Sometimes

Never

8. A rhombus is a parallelogram.

Always

Sometimes

Never

9. A quadrilateral is a parallelogram.

Always

Sometimes

Never

10. A square has one side longer than the others.

Always

Sometimes

Never

11. A rhombus has 4 right angles.

Always

Sometimes

Never

12. A square is a quadrilateral.

Always

Sometimes

Never

Pick one sentence you marked Sometimes. Write its number: _____ Draw a shape that makes it true and one that makes it false.

True

False

Always, Sometimes or Never? Answer Key

Quadrilaterals. The reason is under each sentence.

1. A square is a rectangle. A square has 4 right angles, and that is all a rectangle needs.	Always	Sometimes	Never
2. A rectangle is a square. Only when all 4 of its sides are the same length.	Always	Sometimes	Never
3. A square is a rhombus. A square has 4 equal sides, and that is all a rhombus needs.	Always	Sometimes	Never
4. A rhombus is a square. Only when it has 4 right angles.	Always	Sometimes	Never
5. A rectangle is a parallelogram. Its opposite sides are parallel.	Always	Sometimes	Never
6. A parallelogram has only one pair of parallel sides. A parallelogram always has 2 pairs.	Always	Sometimes	Never
7. A parallelogram is a rectangle. Only when it has 4 right angles.	Always	Sometimes	Never
8. A rhombus is a parallelogram. Its opposite sides are parallel.	Always	Sometimes	Never
9. A quadrilateral is a parallelogram. Only when it has 2 pairs of parallel sides.	Always	Sometimes	Never
10. A square has one side longer than the others. All 4 sides of a square are the same length.	Always	Sometimes	Never
11. A rhombus has 4 right angles. When it does, it is also a square.	Always	Sometimes	Never
12. A square is a quadrilateral. It has 4 sides.	Always	Sometimes	Never

The drawings will vary. For "A rectangle is a square," a true drawing is a square and a false drawing is a rectangle with two long sides and two short sides.