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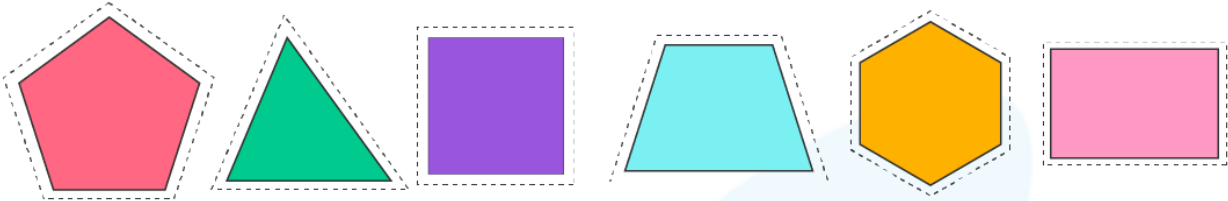
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## Quadrilaterals 3<sup>rd</sup> Grade Worksheets

1) Classify as quadrilaterals and non-quadrilaterals.

a)          b)          c)          d)          e)          f)



Quadrilaterals	Non-quadrilaterals

2) A square has 4 equal sides and 2 right angles. True/ false

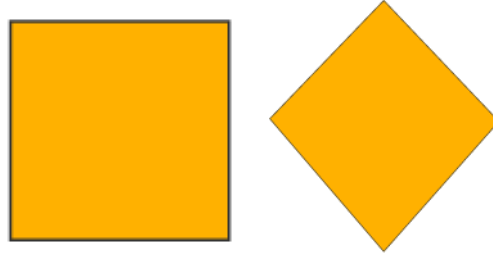
3) A square is both a rectangle and a rhombus. True / false

4) Which statement is true?

- a) All triangles are quadrilaterals
- b) All squares are rectangles
- c) All quadrilaterals are squares
- d) All rectangles are squares.

5) Choose the odd one out. State the reason.  
Square, triangle, rectangle

6) How are the square and the rhombus same and different?



Similarities	Differences

7) Which shapes do these objects resemble?

- a) The boxes on the chessboard-
- b) The football ground-

8) How are these quadrilaterals different?



9) Which of these statements are NOT true about rectangles?

- a) Rectangles have 4 right angles.
- b) The opposite sides are parallel.
- c) All the 4 sides are equal.
- d) Rectangles have 2 long and 2 short sides.

10) The perimeter of a square of side 3 inches is

- a) 9 inches
- b) 12 inches
- c) 6 inches

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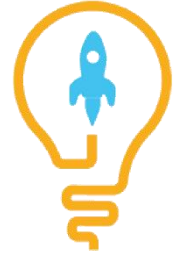
- Kirk Riley

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**ANSWERS**

1)	Quadrilaterals c, d and f Non quadrilaterals a, b and e
2)	False
3)	True
4)	Option b
5)	Triangle It is a 3-sided polygon.
6)	Similarities: Square and the rhombus are the quadrilaterals which have all the 4 sides equal and parallel. Differences: a square have all the 4 angles straight that are perpendicular but a rhombus has slanting corners.

7)	Square Rectangle
8)	A rectangle has opposite sides equal, whereas a square has all the 4 sides equal.
9)	Option c
10)	Option b

## FUN FACT

1. Quadrilaterals are used in architectural designs for their optimal usage space.
2. The sum of all the 4 angles in any quadrilateral is  $360^\circ$
3. Squares, rectangles and rhombuses are all parallelograms.

