

Properties of Polygons Review

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. How many sides does a hexagon have?
2. A triangle has 3 sides. If you add a square, how many sides do you have in total?

3. Circle the greater number of sides: octagon (8) or pentagon (5)
4. A rectangle is a regular polygon.
 True False
5. What is the next polygon in the sequence? Triangle (3), Quadrilateral (4), Pentagon (5), _____
6. An irregular polygon has 7 sides. How many angles does it have?
7. If you have a regular pentagon and each side is 4 cm long, what is the total length of all sides?

8. How many sides does a dodecagon have?
9. A shape has 8 sides and is not regular. What type of polygon is it?

10. Circle the shape with more sides: hexagon or decagon
11. All polygons are regular.
 True False
12. What number comes next? 3, 4, 5, 6, _____
13. If a regular polygon has 5 sides, how many degrees are in each interior angle?

14. A regular heptagon has how many sides?
15. If a shape has 9 sides and is regular, what is it called?

Answer Key

1. 6 2. 7 3. 8 4. True 5. Hexagon (6) 6. 7 7. 20 8. 12 9. Irregular octagon 10. Decagon 11. False 12. 7 13. 108 14. 7 15. Nonagon
