

Name: \_\_\_\_\_

Date: \_\_\_\_\_



# MATH CROSSWORD PUZZLE

## POLYGONS MATH WORKSHEETS



Directions: To solve the crossword puzzle, use the words from the Word Bank to find the right definition for the word. Fill in the crossword puzzle with the right words. 'RHOMBUS' is done for you.

ACROSS	DOWN	WORD BANK																										
<ol style="list-style-type: none"> <li>1. Closed shapes with 3 or more sides.</li> <li>2. A 12-sided polygon</li> <li>3. _____ is fun!</li> <li>4. A quadrilateral with opposite sides that are parallel.</li> <li>5. A 9-sided polygon.</li> <li>6. A quadrilateral with 4 sides that are right angles; 2 of its sides are opposite and parallel. (A square is an example of this as well.)</li> <li>7. A 7-sided polygon.</li> </ol>	<ol style="list-style-type: none"> <li>1. An 8-sided polygon.</li> <li>2. A 6-sided polygon.</li> <li>3. A polygon with 3 sides.</li> <li>4. A 10-sided polygon.</li> <li>5. A polygon with 4 sides.</li> <li>6. A quadrilateral with only one pair of parallel sides.</li> <li>7. A quadrilateral with four equal sides. (In 3-D this is called a cube!)</li> </ol>	<table style="width: 100%; border: none;"> <tr> <td style="border: none;">Square</td> <td style="border: none;">Math</td> </tr> <tr> <td style="border: none;">Hexagon</td> <td style="border: none;">Triangle</td> </tr> <tr> <td style="border: none;">Rectangle</td> <td style="border: none;">✓ Rhombus</td> </tr> <tr> <td style="border: none;">Octagon</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Polygons</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Dodecagon</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Parallelogram</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Trapezoid</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Nonagon</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Decagon</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Pentagon</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Quadrilateral</td> <td style="border: none;"></td> </tr> <tr> <td style="border: none;">Septagon</td> <td style="border: none;"></td> </tr> </table>	Square	Math	Hexagon	Triangle	Rectangle	✓ Rhombus	Octagon		Polygons		Dodecagon		Parallelogram		Trapezoid		Nonagon		Decagon		Pentagon		Quadrilateral		Septagon	
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<b>DIAGONAL</b>																												
1. A 5-sided polygon.																												

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Did you know that the prefix 'POLY-' means 'many' in Greek?

**BONUS RIDDLE:** Using the colored squares, unscramble the letters to make two words:  
 A polygon is a closed shape that has \_\_\_\_\_.