Name _____ Date _____

Year Group _____

Match the following regular polygons to the measure of any interior angle

pentagon	octagon	decagon	heptagon	15-gon
hexagon	square	20-gon	nonagon	dodecagon

$135°$	$120°$	$144°$	$108°$	$156°$
$140°$	$128\frac{2}{7}°$	$90°$	$150°$	$162°$

1. The measure of each interior angle is _____ for this 4-sided regular polygon, _____.
2. The measure of each interior angle is _____ for this 5-sided regular polygon, _____.
3. The measure of each interior angle is _____ for this 6-sided regular polygon, _____.
4. The measure of each interior angle is _____ for this 7-sided regular polygon, _____.
5. The measure of each interior angle is _____ for this 8-sided regular polygon, _____.
6. The measure of each interior angle is _____ for this 9-sided regular polygon, _____.
7. The measure of each interior angle is _____ for this 10-sided regular polygon, _____.
8. The measure of each interior angle is _____ for this 12-sided regular polygon, _____.
9. The measure of each interior angle is _____ for this 15-sided regular polygon, _____.
10. The measure of each interior angle is _____ for this 20-sided regular polygon, _____.

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