

Answer Key for Practice Worksheet from Lesson 3-5

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|--|--|
| 1) neither | 9) 140° |
| 2) nonconvex polygon | 10) $n = 12$ |
| 3) convex polygon | 11) 24 sides |
| 4) convex polygon | 12) segment $AB \parallel$ segment DC |
| 5) neither | $x = 36$ |
| 6) nonconvex polygon | 13) $m\angle R = 50^\circ$, $m\angle S = m\angle T = 150^\circ$ |
| 7) interior sum: $18,000^\circ$
Exterior sum: 360° | b) segment $PQ \parallel$ segment SR |
| 8) | 14) $k = 108^\circ$ |

9	15	36	18	360	4
40	24	10	20	1	90
140	156	170	160	179	90

Inside pages:

Triangle - 4, 10

Quadrilateral - 1, 2, 3, 5, 6

Pentagon - 11

Hexagon - 9

Octagon - 7

Decagon - 13

N-gon - 12

Regular Polygons - 2, 5, 7, 9, 11

Convex - 1 through 11

Concave - 12, 13