

Review Answers:

- 1) $WT = 12$, $RW = 6$, $ST = 6$
- 2) rectangle; $\angle 1 = 124^\circ$, $\angle 2 = 28^\circ$, $\angle 3 = 62^\circ$
- 3) rhombus; $\angle 1 = 60^\circ$, $\angle 2 = 90^\circ$, $\angle 3 = 30^\circ$
- 4) isosceles trapezoid; $\angle 1 = 130^\circ$, $\angle 2 = 50^\circ$
- 5) kite; $\angle 1 = 90^\circ$, $\angle 2 = 25^\circ$
- 6) 26 in.
- 7) 19 ft.
- 8) 20 cm.
- 9) $m\angle 1 = 26^\circ$, $m\angle 2 = 26^\circ$, $m\angle 3 = 22^\circ$, $m\angle 4 = 22^\circ$, $m\angle 5 = 68^\circ$,
 $m\angle 6 = 64^\circ$
- 10) $S = (n - 2)180$
- 11) 360°
- 12) $d = \frac{n(n-3)}{2}$
- 13) [going left to right first]: isosceles trapezoid, rhombus, square, kite, isosceles trapezoid, rectangle, kite, trapezoid, quadrilateral, rhombus, quadrilateral
- 14) $x = 143^\circ$
- 15) $x = 132^\circ$
- 16) $x = 125^\circ$
- 17) 120°
- 18) 36°
- 19) 144°
- 20) 60°
- 21) 20
- 22) 360°
- 23) $y = 60^\circ$, $x = 120^\circ$
- 24) $n = 51.4^\circ$
- 25) $a = 108^\circ$, $b = 72^\circ$