

Geometry Homework #1 – Answer Key

- 1) $x = 3, y = -20$ Angles are $17^\circ, 163^\circ$
- 2) $x = 18$ Angles are $89^\circ, 50^\circ, 41^\circ$
- 3) $a = 33$ Angles are $148^\circ, 32^\circ$
- 4) $x = 13$ Angles are $59^\circ, 31^\circ$
- 5) $x = 23$ Angles are $130^\circ, 71^\circ, 99^\circ, 42^\circ, 18^\circ$
- 6) The perimeter is 38 and the area is 78
- 7) The perimeter is 60 and the area is 120
- 8) The perimeter is 46 and the area is 90
- 9) The perimeter is 58 and the area is 96
- 10) The perimeter is 42 and the area is 98
- 11) The perimeter is 48 and the area is 96
- 12) The perimeter is 56 and the area is 221
- 13) The perimeter is 86 and the area is 260
- 14) The perimeter is 42 and the area is 68
- 15) The perimeter is 80 and the area is 240
- 16) The perimeter is 74 and the area is 240
- 17) The perimeter is 91 and the area is 288
- 18) The perimeter is 75 and the area is 224
- 19) The perimeter is 74 and the area is 180
- 20) The perimeter is 102 and the area is 392

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