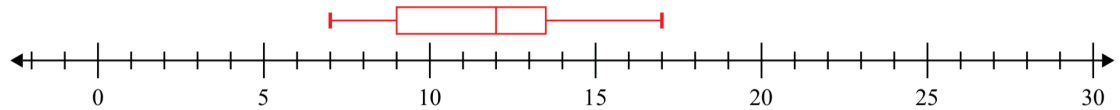


Pre-Algebra Homework #18 – Answer Key

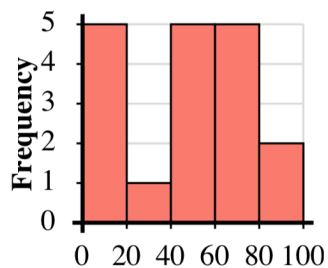
- 1) Quadrilateral: $A = 40$ $P = 26$
 Triangle: $A = 96$ $P = 45$
 Circle: $A = 20.25\pi \approx 63.585$ $P = 9\pi \approx 28.26$

2)



- 3) Area = 28 Perimeter = 28

4)



- 5) 8.11

6)

- a. heptagon
- b. decagon
- c. hexagon
- d. pentagon

- 7) Acute equilateral, Obtuse scalene, Acute isosceles

- 8) Quadrilateral, Quadrilateral and Kite, Quadrilateral and Parallelogram

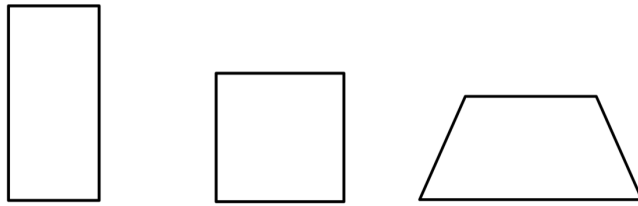
9)

sphere	rectangular prism	triangular pyramid
Faces: <u>0</u>	Faces: <u>6</u>	Faces: <u>4</u>
Vertices: <u>0</u>	Vertices: <u>8</u>	Vertices: <u>4</u>
Edges: <u>0</u>	Edges: <u>12</u>	Edges: <u>6</u>

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10)



- 11) A. Dimensions of 6 and 8 with an area of 48.
 B. Dimensions of 12 and 16 with an area of 192

12) 301.59 27 240

13)

- a. heptagon
- b. decagon
- c. hexagon
- d. pentagon

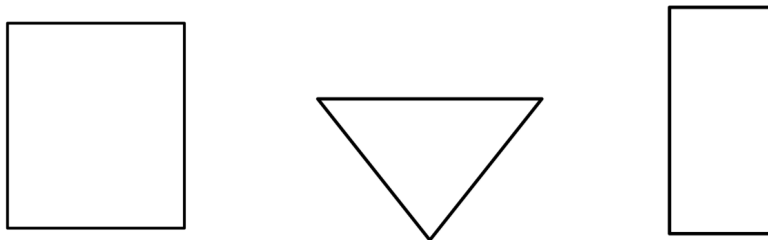
14) Obtuse isosceles, Obtuse isosceles, Right scalene

15) Quadrilateral, parallelogram, rhombus, rectangle, square
 Quadrilateral, parallelogram, rhombus
 Quadrilateral

16)

rectangular pyramid	triangular prism	cube
Faces: <u>5</u>	Faces: <u>5</u>	Faces: <u>6</u>
Vertices: <u>5</u>	Vertices: <u>6</u>	Vertices: <u>8</u>
Edges: <u>8</u>	Edges: <u>9</u>	Edges: <u>12</u>

17)



- 18) A. Dimensions of 6 and 12 with an area of 72.
 B. Dimensions of 18 and 36 with an area of 648.

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- 19) Rectangular prism
- 20) Triangular prism

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