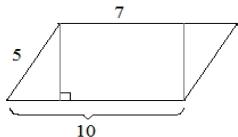


16) What is the area of the parallelogram?

- a) 35
- b) 40
- c) 50
- d) 70
- e) 250



17) Identify the domain of this function:

$$f(x) = \frac{3}{\sqrt{x+6}}$$

- a)  $x = 3$
- b)  $x < -6$
- c)  $x > -6$
- d)  $x \geq -6$
- e)  $x > 0$

18)  $\sqrt{12} + \sqrt{75} =$

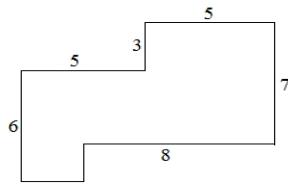
- a)  $\sqrt{87}$
- b)  $9\sqrt{2}$
- c) 9
- d)  $7\sqrt{3}$
- e) 11

19) John is making a pattern that has 4 circles in the 1st column. In every column that follows, he adds 2 circles. How many circles will be in the 8th column?

- a) 14
- b) 16
- c) 18
- d) 20
- e) 32

20) The perimeter of the following figure is:

- a) 34
- b) 36
- c) 38
- d) 40
- e) 46



(all the corners are right angles)