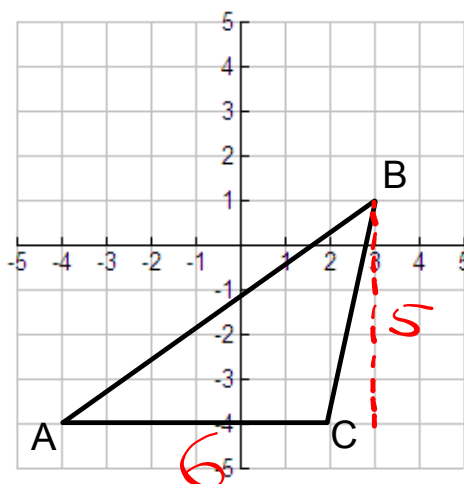


Warm-up 4/17/17

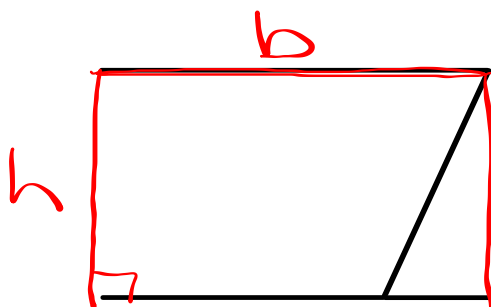
Determine the area of triangle ABC.

$$\frac{1}{2}(6)(5) = 15$$



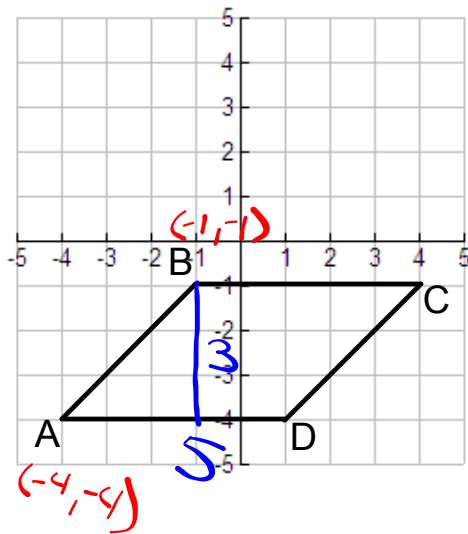
Pg. 824

1



Pg. 824-825

2a, b



$$AD = BC = 5$$

$$AB = \sqrt{(-4 - (-1))^2 + (-4 - (-1))^2}$$

$$= \sqrt{9 + 9}$$

$$DC = \sqrt{18} \approx 4.2$$

$$P = 18.4$$

$$A = 5(3) = 15$$

Pg. 826

1

$$AD = \sqrt{(2-1)^2 + (8-1)^2}$$

$$= \sqrt{50} = BC$$

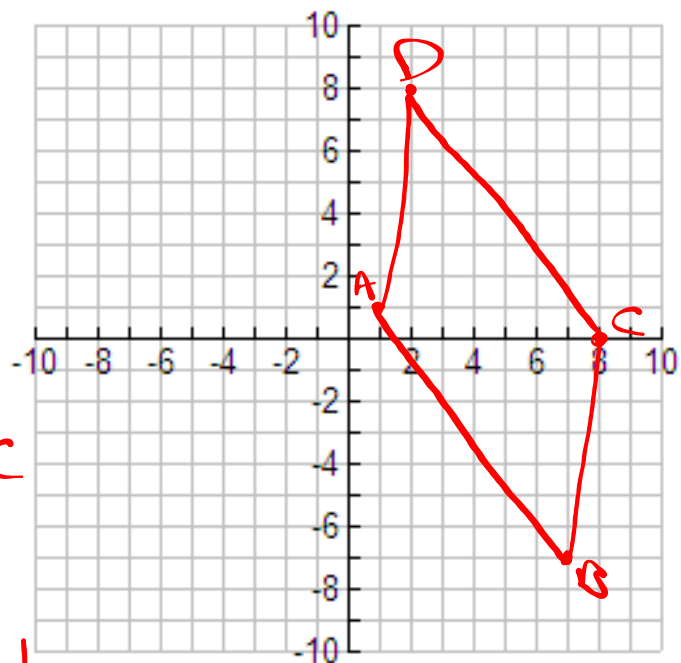
$$AB = \sqrt{(7-1)^2 + (-7-1)^2}$$

$$= \sqrt{36 + 64}$$

$$= \sqrt{100} = 10 = DC$$

$$P = 34.2$$

$$10 + 10 + 7.1 + 7.1$$



Pg. 827

2

$$\frac{\text{slope}}{AB}$$

$$\frac{-8}{6} = -\frac{4}{3}$$

CE

$$\frac{\text{slope}}{CE}$$

$$\frac{3}{4}$$

