

$$\textcircled{n} (-4, 8) (-9, 13)$$

$$(0, 0) (2, -5)$$

$$(10, -18) (-24, 10)$$

$$d = \sqrt{(-9 - (-4))^2 + (13 - 8)^2}$$

$$d = \sqrt{(-5)^2 + 5^2}$$

$$d = \sqrt{50}$$

$$d = 7.07$$

$$d = \sqrt{(2-0)^2 + (-5-0)^2}$$

$$d = \sqrt{2^2 + (-5)^2}$$

$$d = \sqrt{29}$$

$$d = 5.39$$

$$d = \sqrt{(-24-10)^2 + (10-(-18))^2}$$

$$d = \sqrt{(-34)^2 + 28^2}$$

$$d = \sqrt{1156 + 784}$$

$$d = \sqrt{1940}$$

$$d = 44.05$$

$$m = \frac{13-8}{-9-(-4)}$$

$$m = \frac{-5-0}{2-0}$$

$$m = \frac{10-(-18)}{-24-10}$$

$$m = \frac{5}{-5} = -1$$

$$m = -\frac{5}{2}$$

$$m = \frac{28}{-34} = -\frac{14}{17}$$

$$\textcircled{o} (-102, -145) (-50, -50)$$

$$(-29, -98) (42, 38)$$

$$(14, 75) (-35, -49)$$

$$d = \sqrt{(-50 - (-102))^2 + (-50 - (-145))^2}$$

$$d = \sqrt{52^2 + 95^2}$$

$$d = \sqrt{2704 + 9025}$$

$$d = \sqrt{11729}$$

$$d = 108.30$$

$$d = \sqrt{((42-(-29))^2 + (38-(-98))^2)}$$

$$d = \sqrt{71^2 + 136}$$

$$d = \sqrt{5041 + 18496}$$

$$d = \sqrt{23537}$$

$$d = 153.42$$

$$d = \sqrt{(-35-14)^2 + (-49-75)^2}$$

$$d = \sqrt{(-49)^2 + (-124)^2}$$

$$d = \sqrt{2401 + 15376}$$

$$d = \sqrt{17777}$$

$$d = 133.33$$

$$m = \frac{-50 - (-145)}{-50 - (-102)}$$

$$m = \frac{38 - (-98)}{42 - (-29)}$$

$$m = \frac{-49 - 75}{-35 - 14}$$

$$m = \frac{95}{52}$$

$$m = \frac{136}{71}$$

$$m = \frac{-124}{-49} = \frac{124}{49}$$