

Ex (x_1, y_1) (x_2, y_2) midpoint

$$(6, 9)$$

$$\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$$

Geo II
CLASS
WORK

Wed
8-29-12

Ex $(7, 10), (13, 11) = (10, 10\frac{1}{2})$

8 $(9, 10), (-10, -2) = (-\frac{1}{2}, 4)$

20 $(2, -10), (6, -7) \quad (x, y)$
END mid END

$$2. \frac{2+x}{2} = 6 \cdot 2$$

$$2+x = 12$$

$$-2 \quad -2$$

$$x = 10$$

$$2. \frac{-10+y}{2} = -7 \cdot 2$$

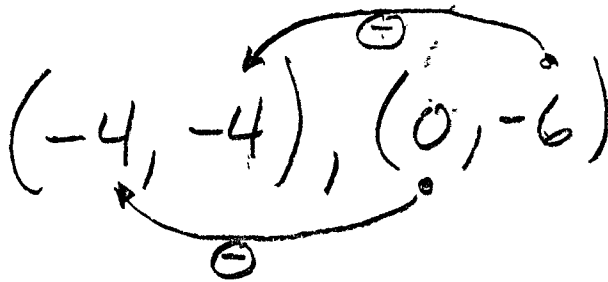
$$-10+y = -14$$

$$+10 \quad +10$$

$$y = -4$$

$$(10, -4)$$

(27)



$$-6 + 4 = (-2)^2$$

$$0 + 4 = (4)^2$$

$$20 = d^2$$

$$\sqrt{20} = d$$

$$\sqrt{4 \cdot 5}$$

$$\sqrt{4} \sqrt{5}$$

$$2\sqrt{5} = d$$

Simplify
your
RADICALS

(5)

$$\frac{4}{8} = \frac{2}{4} = \frac{1}{2}$$