

SKIP this if you are good w/ distance, midpoint

Station #1

Distance and Midpoint

1. Find the distance between each set of points. Write your answer as a radical in simplest form.

a. $(-3, 2)$ and $(6, 2)$

b. $(6, -1)$ and $(-4, 1)$

2. Find the midpoint of the segments with the given endpoints.

a. $(-5, 7)$ and $(3, 7)$

b. $(5, 8)$ and $(2, 4)$

c. $(8, 10)$ and $(-12, -7)$

d. $(-3, 0)$ and $(5, -4)$

ANSWERS ON BACK

$$1a) 9$$

$$1b) \sqrt{104} = 2\sqrt{26} \approx 10.2$$

$$2a) (-1, 7)$$

$$2b) (3.5, 6)$$

$$2c) (-2, 1.5)$$

$$2d) (1, -2)$$