

3. (4, -1) and (5, 2)

Distance Formula:

$$\sqrt{(4-5)^2 + (-1-2)^2}$$

Exact Answer (radical):

$$\sqrt{10}$$

Approximate Answer (decimal):

$$3.2$$

4. (-7, 5) and (-2, -8)

Distance Formula:

$$\sqrt{(-7--2)^2 + (5--8)^2}$$

Exact Answer (radical):

$$\sqrt{194}$$

Approximate Answer (decimal):

$$13.9$$