

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

### Length of the Line Segment

*Distance between the points  $P(x_1, y_1)$  and  $Q(x_2, y_2)$  is  $\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$*

End points of the line segments are given. Find the length of the line segments and round the answer to nearest tenth:

(7, 5) and (8, 7)  Length: _____	(1, 0) and (-3, 5)  Length: _____
(4, 6) and (5, 2)  Length: _____	(-6, -4) and (-1, 0)  Length: _____
(-8, -3) and (-11, -9)  Length: _____	(4, 0) and (0, 4)  Length: _____
(6, 6) and (-6, 0)  Length: _____	(8, -8) and (3, -3)  Length: _____

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

## Answers

(7, 5) and (8, 7)  Length: <b>2.2</b>	(1, 0) and (-3, 5)  Length: <b>6.4</b>
(4, 6) and (5, 2)  Length: <b>4.1</b>	(-6, -4) and (-1, 0)  Length: <b>6.4</b>
(-8, -3) and (-11, -9)  Length: <b>6.7</b>	(4, 0) and (0, 4)  Length: <b>5.7</b>
(6, 6) and (-6, 0)  Length: <b>13.4</b>	(8, -8) and (3, -3)  Length: <b>7.1</b>