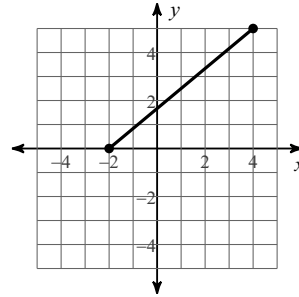


Geometry - Homework 11

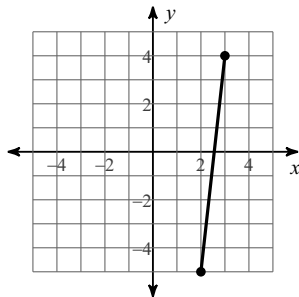
Find the distance between each pair of points. Round your answer to the nearest tenth, if necessary.

- 1) $(0, 1), (6, -6)$
- 3) $(0, -3), (5, -5)$
- 5) $(1, 1), (-2, 5)$

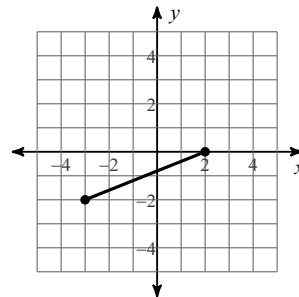
- 2) $(5, 5), (-6, 6)$
- 4) $(0, 6), (-4, 3)$
- 6)



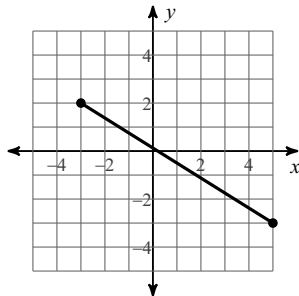
7)



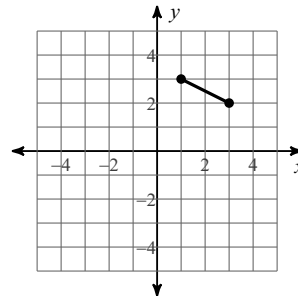
8)



9)



10)



- 11) $(-2.3, 4.3), (3.2, 4.9)$
- 13) $(-0.4, -2.9), (-3.4, 0.8)$
- 15) $(2.3, -3.3), (3.1, -2.1)$
- 17) $(0.2, -6.8), (8, -5.9)$
- 19) $(-1.1, -2.1), (7.9, 7.1)$

- 12) $(-1.7, -0.3), (-0.4, 7.4)$
- 14) $(-7.8, -7.8), (-4, 0.9)$
- 16) $(2.7, 1.2), (4.6, 1.8)$
- 18) $(0.7, 7.1), (-3.2, 4.9)$
- 20) $(1.2, 7), (-3.8, -6)$

Find the distance between each pair of points.

21) $(\frac{2}{3}, 4), (-3\frac{1}{3}, 2)$

22) $(2\frac{1}{6}, -\frac{3}{2}), (3\frac{1}{4}, -2\frac{1}{4})$

23) $(-2\frac{1}{4}, -\frac{7}{4}), (-2\frac{3}{4}, -2)$

24) $(-1\frac{1}{4}, 3), (1\frac{1}{6}, 3\frac{1}{4})$

25) $(-2, -2\frac{2}{3}), (-\frac{1}{3}, -3\frac{2}{3})$

26) $(3, 1\frac{4}{5}), (\frac{3}{2}, 2\frac{2}{5})$

27) $(2\frac{1}{6}, 0), (1\frac{1}{2}, \frac{1}{2})$

28) $(0, -2\frac{1}{3}), (2\frac{1}{2}, -1)$

29) $(2\frac{3}{4}, 0), (\frac{3}{2}, 1)$

30) $(-\frac{7}{4}, \frac{1}{4}), (\frac{1}{3}, 2\frac{1}{3})$

Answers to Geometry - Homework 11

1) 9.2

9) 9.4

17) 7.9

25) $\frac{\sqrt{34}}{3}$

3) 5.4

11) 5.5

19) 12.9

27) $\frac{5}{6}$

5) 5

13) 4.8

21) $2\sqrt{5}$

29) $\frac{\sqrt{41}}{4}$

7) 9.1

15) 1.4

23) $\frac{\sqrt{5}}{4}$