Intermediate Algebra Skill
Finding the distance between two points

Find the distance between the two points:

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

2) $(8,-3),(-7,-1)$

3) $(8,-5),(0,-4)$

4) $(-8,4),(1,-1)$

5) $(-5,-2),(-5,7)$

6) $\left(\frac{1}{2},\frac{1}{3}\right),\left(\frac{-1}{2},\frac{2}{3}\right)$

7) $\left(\frac{-3}{4},\frac{2}{5}\right),\left(\frac{1}{4},\frac{-1}{5}\right)$

8) $(1.4,4.18),(6.6,-4)$

9) $(-5.2,7.005),(4.33,1.9)$

10) $(3.1,5.2),(-3.8,-7.9)$

11) $(-3.3,-4.7),(2.88,3.7)$

12) $\left(0,\sqrt{3}\right),\left(-1,2\sqrt{3}\right)$

13) $\left(7\sqrt{2},3\right),\left(\sqrt{2},0\right)$

14) $\left(-8,\sqrt{3}\right),\left(-4,4\sqrt{3}\right)$

15) $\left(-8,-2\sqrt{3}\right),\left(-1,\sqrt{3}\right)$

Answers to Finding the distance between two points

1) $\sqrt{73}$

2) $\sqrt{229}$

3) $\sqrt{65}$

4) $\sqrt{106}$

5) 9

6) $\dfrac{\sqrt{10}}{3}$

7) $\dfrac{\sqrt{34}}{5}$

8) 9.6929

9) 10.8112

10) 14.8061

11) 10.4284

12) 2

13) 9

14) $\sqrt{43}$

15) $2\sqrt{19}$