

### Exercises 1.10

Find the distance between the two points.

1. Express the answer correct to the nearest 0.001
  - (a)  $(3, 4)$  and  $(-2, 1)$
  - (b)  $(0, 0)$  and  $(5, 6)$
  - (c)  $(-4, -4)$  and  $(-4, 2)$
  - (d)  $(6, 1)$  and  $(-5, 8)$
  
2. Express the answer precisely, using square roots if necessary
  - (a)  $(5, 2)$  and  $(-3, 4)$
  - (b)  $(0, 0)$  and  $(-5, 3)$
  - (c)  $(4, 1)$  and  $(-3, 6)$