

## 3 Coordinates – Part 1 —Answers

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### Answers

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Work through these after trying the questions yourself.

**3.1** (3, 2).

**3.2** 5.

**3.3** (4, 6).

**3.4** (5, 2).

**3.5** It is vertical (both points have  $x = 3$ ).

**3.6** For the midpoint:  $\frac{1+x_B}{2} = 4 \Rightarrow x_B = 7$ , and  $\frac{2+y_B}{2} = 5 \Rightarrow y_B = 8$ . So  $B = (7, 8)$ .