

- 17** Six equations are shown below, each labelled with a letter.

A
$y = -6x$

B
$x = \frac{1}{6}y$

C
$y = \frac{-3}{x}$

D
$x = \frac{6}{y}$

E
$y = 6x$

F
$y = \frac{2}{x} + 2$

Choose the correct letters to make each statement true.

(a) Equation **B** and equation are equivalent. **[1]**

(b) Equation and equation each show x is inversely proportional to y . **[2]**

- 18** Jo went for a bike ride one evening.

She travelled x kilometres in 5 hours.

Show that her average speed can be written as $\frac{x}{18}$ m/s. **[4]**