

**20**  $x - 4$ ,  $x + 2$  and  $3x + 1$  are three consecutive terms of an arithmetic sequence.

(a) Find the value of  $x$ .

$x = \dots\dots\dots$

(2)

$y - 4$ ,  $y + 2$  and  $3y + 1$  are three consecutive terms of a geometric sequence.

(b) Find the possible values of  $y$ .