Write the equation of a straight line if parallel to a line and passing through (0,n)

Write the equation of a straight line if parallel to a line and passing through (0,n)

1. Find the equation of the straight lines for each of these.
a) Parallel to $y = 3x + 2$ and passes through (0, 6)
b) Parallel to $y = 2x - 2$ and passes through (0, 4)
c) Parallel to $y = -2x + 1.5$ and passes through (0, -5)
d) Parallel to $y = x + 4$ and passes through (0, -2)
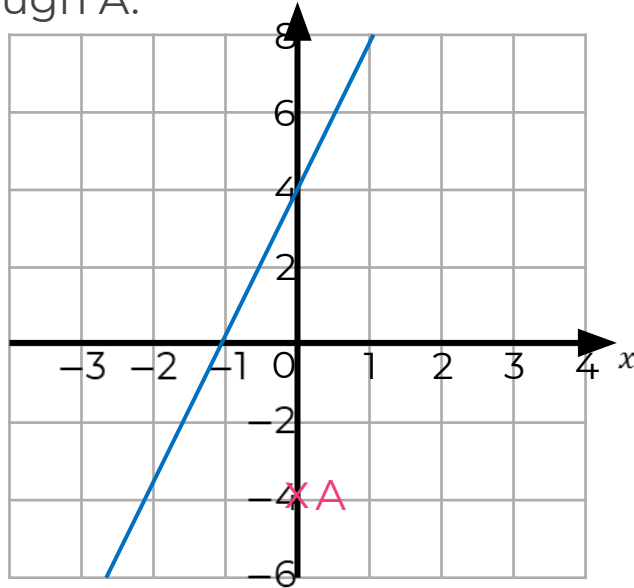e) Parallel to $y = -4x - 2$ and passes through the origin

2. Find the equation of the straight lines for each of these.
a) Parallel to $y - 2x = 4$ and passes through (0, 5)
b) Parallel to $y + x = -1$ and passes through (0, 3)
c) Parallel to $y + 2x = -3$ and passes through (0, -2)
d) Parallel to $2y = 4x - 3$ and passes through (0, -4)
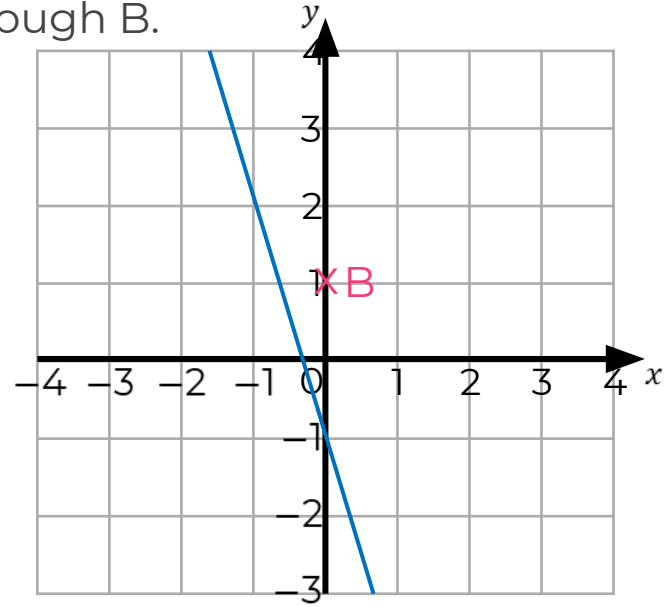e) Parallel to $2y + x = -2$ and passes through (0, -5)

Write the equation of a straight line if parallel to a line and passing through (0,n)

3. Write down the equation of the parallel to the line and that passes through A.

4. Write down the equation of the parallel to the line and that passes through B.

Answers

Write the equation of a straight line if parallel to a line and passing through (0,n)

1. Find the equation of the straight lines for each of these.
a) Parallel to $y = 3x + 2$ and passes through (0, 6) $y = 3x + 6$
b) Parallel to $y = 2x - 2$ and passes through (0, 4) $y = 2x + 4$
c) Parallel to $y = -2x + 1.5$ and passes through (0, -5) $y = -2x - 5$
d) Parallel to $y = x + 4$ and passes through (0, -2) $y = x - 2$
e) Parallel to $y = -4x - 2$ and passes through the origin $y = -4x$

2. Find the equation of the straight lines for each of these.
a) Parallel to $y - 2x = 4$ and passes through (0, 5) $y = 2x + 5$
b) Parallel to $y + x = -1$ and passes through (0, 3) $y = -x + 3$
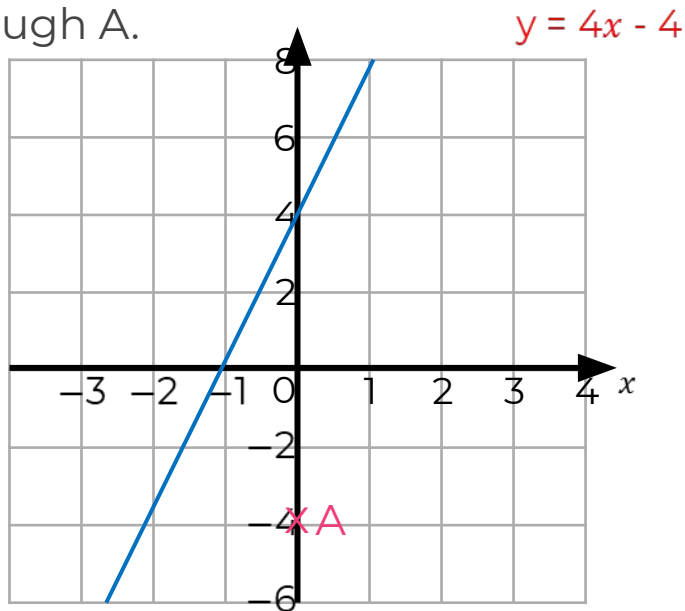c) Parallel to $y + 2x = -3$ and passes through (0, -2) $y = -2x - 2$
d) Parallel to $2y = 4x - 3$ and passes through (0, -4) $y = 2x - 4$
e) Parallel to $2y + x = -2$ and passes through (0, -5) $y = -0.5x - 5$

Write the equation of a straight line if parallel to a line and passing through (0,n)

3. Write down the equation of the parallel to the line and that passes through A.

$y = 4x - 4$

4. Write down the equation of the parallel to the line and that passes through B.

$y = -3x + 1$