**Parallel and Perpendicular Lines**

Find the equation of the line that has:

**(a)** Gradient 2 and goes through (0, 5)

**(b)** Gradient -3 and goes through (0, 7)

**(c)** Gradient and goes through (0, 4)

**(d)** Gradient -4 and goes through (0, -1)

**(e)** Gradient 1 and goes through (0, -6)

Find the equation of the line that is:

**(a)** Parallel to the line and passes through (0, 2)

**(b)** Parallel to the line and passes through (0, 6)

**(c)** Parallel to the line and passes through (0, -4)

**(d)** Parallel to the line and passes through (0, 5)

**(e)** Parallel to the line and passes through (0, -1)

Find the equation of the line that is:

**(a)** Perpendicular to the line and passes through (0, 7)

**(b)** Perpendicular to the line and passes through (0, -5)

**(c)** Perpendicular to the line and passes through (0, 2)

**(d)** Perpendicular to the line and passes through (0, -4)

**(e)** Perpendicular to the line and passes through (0, 3)

Match the pairs of perpendicular lines.

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