****Worksheet C: Parallel, perpendicular or neither?

Decide whether each pair of equations is:

* parallel
* perpendicular
* neither.

Justify your decision.

 **a** $y = 2x + 3$ **b** $y = 3x $ **c** $y = 4x – 3$
 $y = 2x – 7$ $2x + y – 3 = 0$ $4y + x = 2$

 **d** $3x – y + 5 = 0$ **e** $2x + 5y – 1 = 0$ **f** $2x – y = 6$

 $x + 3y = 1$ $y = 2x + 7$ $6x – 3y + 3 = 0$