****Worksheet A: Straight line race

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| **Coordinate Pair** | ***y*=*mx*+*c*** | ***y* – *y*1 = *m*(*x* – *x*1)** | ***ax* + *by* + *c* = 0** |
| (5,2) and (3,4) |  |  |  |
| (9,-1) and (7,2) |  |  |  |
| (-6,1) and (4,0) |  |  |  |
| (-12,3) and (5,7) |  |  |  |

Work in pairs to fill in the table below.

For the ***y* – *y*1 = *m*(*x* – *x*1)** column you may have a choice of answers

For the ***ax* + *by* + *c* = 0** column a, b, and c are integers.