



To be completed on loose-leaf paper.
Show FULL working out.



Aims:

- To provide ongoing revision of skills and concepts
- To develop procedural knowledge and fluency.

Need help? →

1 Evaluate the following:

- a) $(8 - 3) \times (-2 + -4)$ b) $(4 + -6) \times -3 - (3 \times -5)$
- c) $-2 \times (13 - 9) \div -4$

2 Evaluate each of the following expressions by substituting $x = 2$, $y = -3$ and $z = 5$

- a) $4x(2y + z)$ b) $\frac{3y-z}{x}$ c) $5xy + 6z$

3 Complete the following tables of values for each rule given, plot the points on a Cartesian plane (on graph paper), and join them to make a linear graph. Label the graphs with the rules.

a) Rule: $y = x - 4$

x	-2	-1	0	1	2
y					

b) Rule: $y = 2x + 3$

x	-2	-1	0	1	2
y					

c) Rule: $y = -4x$

x	-2	-1	0	1	2
y					

d) Rule: $y = 3x - 5$

x	-2	-1	0	1	2
y					

e) Rule: $y = -2x + 5$

x	-2	-1	0	1	2
y					

ANSWERS: You must show the mathematics used to get these answers. Simply writing the answer is not enough.
No answers given.