

S1 Level 3 Formal Homework
(Show all working!)

Coordinates

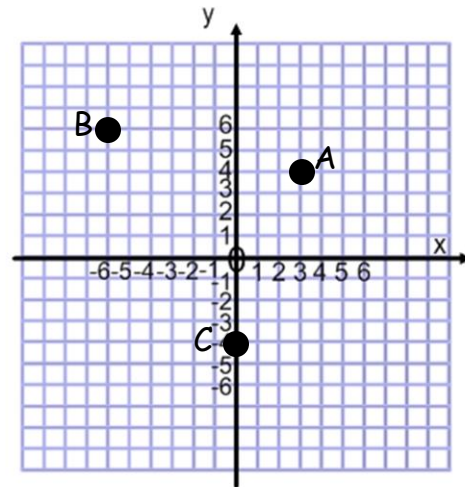
Non Calculator Section: If working is not shown for this section then no marks will be awarded.

1. a) 10×3.87 b) $12.5 + 1.63$ c) $200 - 75.4$ d) $124.2 \div 60$

2. (a) Write down the coordinates of points A, B and C as shown in the diagram below.

(b) If point B was reflected over the x-axis what would be the coordinates of its new position?

(c) If point A was reflected over the y-axis what would be the coordinates of its new position?



3. (a) On a suitable set of axis plot the following points:

$P(-3, 2)$, $Q(5, 2)$ and $R(5, -3)$

(b) Plot the fourth point S so that PQRS form a rectangle.

(c) Write down the coordinates of S.

Revision Section:

4. (a) $13 - 21$ (b) $(-14) + 11$ (c) $(-26) + (-12)$
 (d) $25 + (-19)$ (e) $(-16) - 23$ (f) $(-21) - (-21)$

5. Bottles of lemonade are sold in one litre bottles for £1.27 or 3 litre bottles for £3.87.

Which is the best value for money?

Give a reason for your answer.