Weekly check: Year 9 whole year

Answers

KS3 Maths weekly check

This check online

Q	Answer	Marks
1	**a)** (0, -3) **b)** x = -1 and x = 3 **c)** (1, -4)	3
2	cookie 70p, drink 90p	3
3	**a)** 7.5 miles **b)** 40 km	2
4	Points at (145, 6), (155, 11), (165, 9), (175, 4) joined with straight lines	2
5	6 cm	2
6	7.5 cm	2
7	**a)** 4ab, $\frac{m}{3}$, $5y^2$ **b)** 3p + 4q	3
8	y = -2x + 7	3
9	**a)** 2^6 **b)** 2^{11} **c)** 3^5	4
10	x = 5	2
11	$\frac{2}{15}$	2
12	**a)** 4 + 2m ≤ 15 **b)** 5	3
13	Translation by the vector (4, -2): 4 right and 2 down.	2
14	£70	2
15	**a)** £3 **b)** £1.50 **c)** £12	3
16	**a)** 9000 **b)** $\frac{1}{9000}$	3
17	**a)** $\frac{3}{8}$ **b)** $\frac{1}{3}$	2
18	Any multiple of 5 ending in 0, e.g. 10	2
19	0.075 ≤ y < 0.085	2
20	132 cm^2	3

Full worked solutions, written out by hand, are on the solutions sheet for this check.

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