Weekly check: Year 9 part 2

Answers

KS3 Maths weekly check

This check online

Q	Answer	Marks
1	$\frac{4}{5}$	2
2	11	3
3	**a)** $3 \leq x < 6$ **b)** filled circle at 3, open circle at 6, joined by a line	3
4	**a)** 2 and -1 **b)** subtract 3 (accept take away 3)	3
5	160	2
6	**a)** $x > -2$ **b)** -1	2
7	**a)** t^5 **b)** k^20 **c)** $3x^4y^2$	3
8	**a)** $r = C/(2\pi)$ **b)** $b = \frac{P}{2} - a$ **c)** $x = 3y - 4$	3
9	**a)** 135 **b)** 54	3
10	**a)** 42 cm^2 **b)** 30 cm	3
11	**a)** 17, 14, 11; 10th term -10 **b)** 3, 6, 11	3
12	$k = 5(m + 2)$	2
13	Open circle at -1, solid circle at 3, joined by a line	2
14	**a)** time series graph **b)** scatter graph **c)** pie chart **d)** frequency polygon	2
15	**a)** 32 **b)** 77 °F	3
16	$x^3 + 9x^2 + 26x + 24$	3
17	**a)** 7 cm **b)** 8 cm	3
18	**a)** 37.7 cm **b)** 113.1 cm^2	3
19	**a)** subtract 7, divide by 4, multiply by 3 **b)** 7	3
20	**a)** $4t + 6 = 38$ **b)** £8	3

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

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