Algebra & Sequences: Easy Practice Paper 2 Answers

Q#	Answer	Explanation
1	D	Each number is 5 more than the one before, so the next term is 19 + 5 = 24.
2	C	Replace x with 7, which gives 7 + 12 = 19.
3	C	The sequence goes down in 5s, so the next term is 15 − 5 = 10.
4	C	5m means 5 × m, so 5 × 3 = 15.
5	B	Take 9 away from both sides: x = 15 − 9 = 6. Checking, 6 + 9 = 15.
6	B	The machine works out 12 − 5, which is 7.
7	C	The sequence goes down in 10s, so the next term is 80 − 10 = 70.
8	B	Replace t with 8, which gives 8 ÷ 2 = 4.
9	D	The sequence goes up in 4s, so the missing term is 11 + 4 = 15.
10	D	Add 8 to both sides: n = 4 + 8 = 12. Checking, 12 − 8 = 4.
11	D	Each number is 3 times the one before, so the next term is 27 × 3 = 81.
12	C	3k means 3 × 5 = 15, and then 15 − 2 = 13.
13	C	Each term is 4 less than the one before: 20 − 4 = 16, 16 − 4 = 12 and 12 − 4 = 8.
14	B	Four pens cost four lots of c pence, which is written 4c.
15	C	The patterns go up by 2 dots each time: 3, 5, 7, 9, 11, so the 5th pattern has 11 dots.

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