Algebra & Sequences: Easy Practice Paper 1 Answers

Q#	Answer	Explanation
1	C	Each number is 4 more than the one before, so the next term is 15 + 4 = 19.
2	C	Replace x with 5, which gives 5 + 8 = 13.
3	C	Each number is 3 less than the one before, so the next term is 11 − 3 = 8.
4	B	3a means 3 × a. Replacing a with 4 gives 3 × 4 = 12.
5	B	Take 6 away from both sides: x = 10 − 6 = 4. Checking, 4 + 6 = 10.
6	C	The terms are 2, 8, 14, 20, so the 4th term is 20.
7	C	The machine works out 7 × 3, which is 21.
8	C	The sequence goes up in 5s, so the next term is 20 + 5 = 25.
9	B	Replace y with 9, which gives 9 − 4 = 5.
10	C	The sequence goes up in 4s, so the missing term is 6 + 4 = 10.
11	C	Add 3 to both sides: n = 7 + 3 = 10. Checking, 10 − 3 = 7.
12	C	Seven triangles need 7 × 3 = 21 matchsticks.
13	D	Each number is double the one before, so the next term is 16 × 2 = 32.
14	C	2p means 2 × 6 = 12, and then 12 + 1 = 13.
15	B	Each term is 3 more than the one before: 1 + 3 = 4, 4 + 3 = 7 and 7 + 3 = 10.

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