

Algebra & Sequences: Easy Practice Paper 5 Answers

Q#	Answer	Explanation
1	C	The sequence goes up in 7s, so the next term is $28 + 7 = 35$.
2	D	Replace x with 8, which gives $8 + 15 = 23$.
3	C	The sequence goes down in 9s, so the next term is $63 - 9 = 54$.
4	D	Add 6 to both sides: $m = 6 + 6 = 12$. Checking, $12 - 6 = 6$.
5	B	The machine works out $20 \div 4$, which is 5.
6	E	Each number is double the one before, so the next term is $40 \times 2 = 80$.
7	A	Replace k with 7, which gives $10 - 7 = 3$.
8	D	The sequence goes down in 4s, so the missing term is $27 - 4 = 23$.
9	A	Take 12 away from both sides: $x = 12 - 12 = 0$. Adding 12 to nothing still gives 12.
10	B	Two bags hold two lots of b marbles, which is written $2b$.
11	D	Each term is 4 times the one before: $3 \times 4 = 12$, $12 \times 4 = 48$ and $48 \times 4 = 192$.
12	A	Only in this list is each term exactly 7 less than the one before: $50 - 7 = 43$, $43 - 7 = 36$ and $36 - 7 = 29$.
13	D	$5n$ means $5 \times 4 = 20$, and then $20 + 3 = 23$.
14	D	The gaps are 3, 5, 7 and grow by 2 each time, so the next gap is 9 and the next term is $17 + 9 = 26$.
15	B	Five rows of c chairs is five lots of c , which is written $5c$.