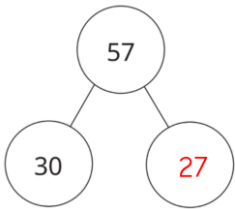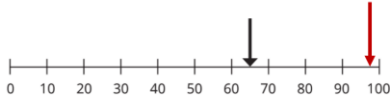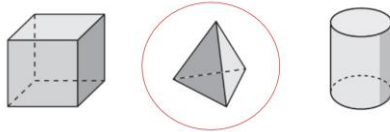## Year 2 – Reasoning & problem solving

General marking principles

- Answers should be single values in their simplest form unless the mark scheme says otherwise
- Accept reversed digits provided intention is clear e.g. a reversed 2 must clearly show the characteristics of a 2 rather than a 5
- Do not award the mark if more than one answer is given

Question	Answer	Marks	Notes and guidance
1	8, 10	1	Both numbers needed.
2	17	1	
	18	1	
3	45 has 4 tens and 5 ones.	1	Both numbers needed.
4	0 5 10 15 20 25	1	Both numbers needed.
5	triangle	1	
	square and rectangle	1	Accept in either order.
6	62	1	
7	57 / 30 27	1	
8	31 38 49 (smallest → largest)	1	
9	7 + 13 = 20 13 + 7 = 20 20 − 7 = 13 20 − 13 = 7	1	Top two rows or bottom two rows may be reversed All four facts needed for the mark.

Autumn mark scheme

Year 2 – Reasoning & problem solving

Question	Answer	Marks	Notes and guidance
10	77	1	
	19	1	
11	4	1	Accept "four" or drawing of dice face with four dots.
12	65	1	Accept 64 to 66
	e.g.	1	Accept any indication clearly past 95 and before 100
13		1	Do not award the mark if additional shapes are indicated.
14	26	2	Award 1 mark for either 78 seen OR attempt to double 39 and subtract 52
15	Any number less than 14	1	

Total : 20 marks