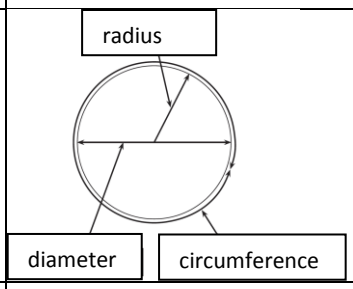
Year 6 | Mark Scheme Spring

MathsHUBS White Rose

Year 6 – Paper 1: Arithmetic – Mark scheme

Question	Mark(s)	Answer	Guidance
1	1	60,785	
2	1	1,000	
3	1	$1\frac{5}{6}$	
4	1	0.352	
5	1	9.07m or 907cm	
6	1	£33.00	
7	1	74,308	
8	1	57.5 or $57\frac{1}{2}$	
9	1	$\frac{1}{60}$	
10	2	8,328	2 marks for correct answer. Award 1 mark for correct use of long multiplication with no more than 1 arithmetical error.
11	2	76	2 marks for correct answer. Award 1 mark for correct use of long or short division with no more than 1 arithmetical error.
12	1	$\frac{1}{16}$	
13	1	26	
14	1	11.8	Still award 1 mark if answer 11.80
15	2	329	1 mark for correct multiplication with answer 2961. 1 mark for correct division with answer 329. 1 mark if incorrect multiplication but correct division in follow on.
16	2	$\frac{5}{9}$	1 mark - making both fractions have the same denominator. 2 marks correct answer.

Year 6 – Paper 2: Reasoning – Mark scheme

Question	Mark(s)	Answer	Guidance
1	2	a) 435.25 b) 435	1 mark for each part.
2	1	Top and bottom statements ticked.	1 mark for both.
3	2	a) £21.30 b) £9.00	1 mark for each part.
4	2	35**6** X17 2**4**92 3560 **605**2	1 mark for 3 correct digits. 2 marks for all 6.
5	2	a) Sam b) 11,312m or 11.312km	1 mark for each part.
6	1	97 minutes	
7	2	3 miles 16km $\frac{1}{4}$ or 0.25	1 mark for 2 correct. 2 marks for all 3 correct.
8	1		1 mark for all 3 correct labels.
9	3	5 x 2.4 = 12 12 ÷ 6 = 2 5 + 5 + 2.4 + 2.4 = 14.8 6 + 6 + 2 + 2 = 16 Rectangle B has the larger perimeter.	1 mark for multiplying 5 x 2.4 to make 12. 1 mark for finding 2 as the missing length by dividing 12 by 6. 1 mark for adding lengths together to find perimeters.
10	1	$15cm^2$	
11	1	340	
12	2	$360cm^3$	1 mark for multiplying 15 x 6 x 0.5 = 45 1 mark for 45 x 8 = 360
13	3	a) 120g b) 900g c) 18 cookies	1 mark for each part

14	2	a) 33, 42 b) 0.9…….2.1, 2.5	1 mark for each sequence.
15	1	A B 0 14 1 13 2 12 3 11 4 10	1 mark for finding 4 combinations. (Other combinations including negatives are accepted).
16	2	Petra: 6 sweets Abdul: 9 sweets Sean: 10 sweets	2 marks for correct answer. 1 mark for evidence of correct process. E.g. 25 – 7 extra sweets = 18, 18 ÷ 3 = 6
17	2	10	1 mark for finding 5 x 12 = 60 1 mark for adding totals up and finding difference to 60 equals 10.