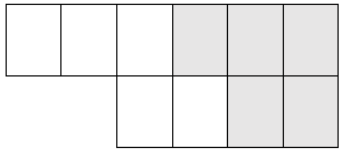
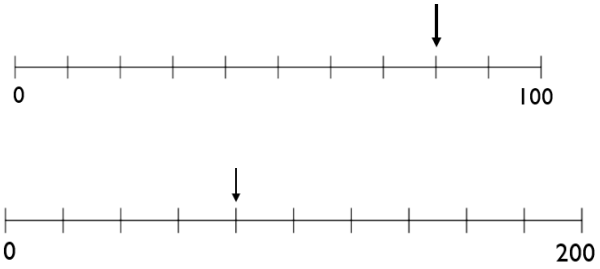
Year 7 Autumn Foundation Paper A

Question	Answer	Marks	Notes and guidance
1	$\frac{4}{7}$ e.g. 	1 1	 Any five squares shaded, or equivalent e.g. ten half-squares shared
2		1 1	Accept any clear indication – arrow, line etc. Allow slight misplacement provided intention is clear.
3	31	1	Do not accept incomplete processing e.g. 15 x 2 + 1
4	740	1	

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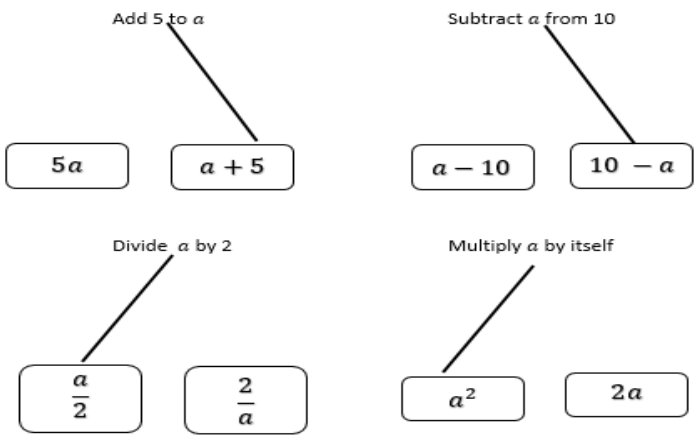
5		3	All four correct – 3 marks 3 correct – 2 marks 2 correct – 1 mark
6	0.31 Any 20 squares shaded in 0.03, 0.2, 0.27, 0.31	1 1 1	 Allow equivalent forms e.g. 0.03, 0.20, 0.27, 0.31
7	4 hundreds (or 400) 4 tenths (or $\frac{4}{10}$) Forty thousand (or 40 000)	1 1 1	Ignore spelling provided intention is clear. Must include 4 or "four" **Special Case** – if all three correct without reference to 4, allow 1 mark out of 3
8	$3a$ $2e+2f$	1 1	 Allow $2f+2e$

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	$3d$	1	
9	Any 8 squares shaded	1	
10	$\frac{7}{10}$	2	Allow 1 mark for: • $\frac{14}{20}$ (Correct number but not simplified) • $\frac{3}{10}$ (Misinterpreted question but simplified)
11	10 5	1 1	Must be fully processed, do not accept e.g. $\frac{50}{10}$
12	< < = e.g. 7, 8, 200	 2 1	All three symbols correct – 2 marks 2 symbols correct – 1 mark Any integer greater than 6
13	75% 70% 0.82	1 1 1	

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	$\frac{7}{20}$	1	Correct answer only – must be simplified
14	$a23$ $\quad$ (6a) $\quad$ a^6 $\quad$ $5a$	1	Accept any clear indication e.g. underlined
15	9 $\quad$ (20) $\quad$ 45 $\quad$ 54 0 $\quad$ 3 $\quad$ (10) $\quad$ 30 8 $\quad$ 12 $\quad$ (36) $\quad$ 62	1 1 1	Accept any clear indication e.g. underlined
16	12 110	1 1	
17	3.5 1	1 1	
18	$\frac{7}{10}$ $\quad$ $\frac{73}{100}$ $\quad$ $\frac{3}{4}$ $\quad$ $\frac{4}{5}$	2	Allow 1 mark for • Correct order but reversed • Correct method shown e.g. all converted to the same form (decimals or equivalent fractions such as hundredths)

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Year 7 Spring Foundation Paper

Question	Answer	Marks	Notes and guidance
1	470	1	
2	$\frac{3}{7}$	1	.
	$\frac{2}{8}$ or $\frac{1}{4}$	1	
3	20	1	
	35	1	
4	9	1	
	–7 1 1	2	Award 1 mark for two out of three answers correct
5	3.2	1	
	No, she only ran 14.7 km	1	Must include reason.
6	79	1	
	32	1	
	171	1	

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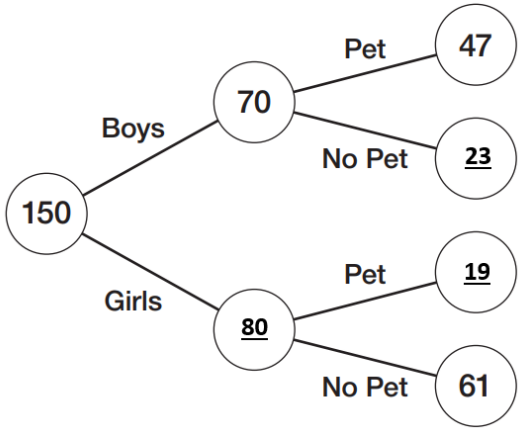
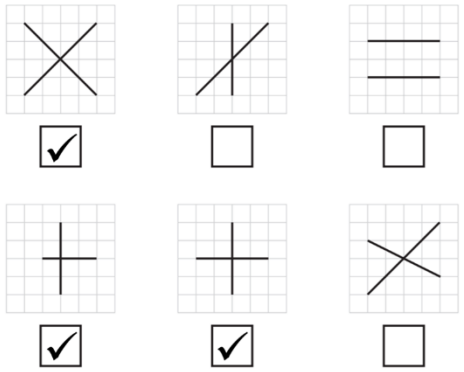
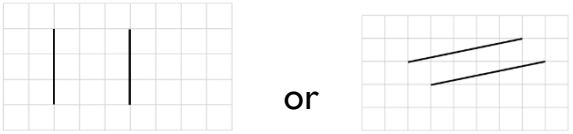
7		2	Award 1 mark for any two values correct.
	66	1	Follow through 47 + their "19"
8	30 cm^2	2	One mark for 30, one mark for cm^2 (regardless of whether their value for the area is correct).
9	600	1	
	3570	1	
	450	1	
10	22	2	Award 1 mark for fully correct method i.e. attempting to subtract 5×6 and 4×12 from 100
11	1557	2	Award 1 mark for fully correct method with no more than one numerical error.
	12.2	2	Award 1 mark for fully correct method with no more than one numerical error.

12	1000	1	
	470	1	
	0.47	1	
13	15	1	
	$\frac{5}{9}$	2	Award 1 mark for $\frac{10}{18}$
14	21	2	Award 1 mark for fully correct method e.g. attempt to subtract 10 from 52 and divide their answer by 2
15	$-2a$	1	
	$\frac{3}{4}b$	1	Accept any exact equivalent form e.g. $\frac{6}{8}b, 0.75b$ etc.
16	0.74	1	
	12	1	
	1.1	1	Accept any exact equivalent form e.g. $\frac{11}{10}, 1\frac{1}{10}$ etc.

Year 7 Summer Foundation Paper

Question	Answer	Marks	Notes and guidance
1	Indicates all three correct boxes i.e. 	2	Award 1 mark for indicating any two correct boxes with no incorrect
	Draws a pair of parallel lines in the given box e.g.  or etc.	1	
2	$\frac{1}{8}$	1	
	25%	1	
3	8320 83.2	1 1	

4	120°	1	Allow 118 to 122°
	8	1	Allow 7.9 to 8.1 cm
5	Indicates 2, 3 and 5	2	Allow any clear indication – circles, underlines, ticks etc. Award 1 mark for two primes identified and no incorrect OR all three indicated with 1 indicated as well
	Indicates no and gives correct reason e.g. "No whole numbers multiplies by itself to make 30"	1	Any reasonable explanation e.g. "$5^2 = 25, 6^2 = 36$ so it can't be."
6	48	1	
	34	1	
7	$\frac{7}{8}$	1	.
8	445 247	1 1	
9	£34	2	Award 1 mark for fully correct method i.e. attempt to divide 600 by 150 and multiply the result by £8.50
	10 665	1	
	10 000	1	
10	2, 4, 6, 8 1, 2, 3, 4, 6, 12	1 1	Allow numbers in any order Allow numbers in any order
11	Draws correct angle at B (72°)	1	Allow 70 – 74°

12	60 65 86	1 2 2	 Award 1 mark for fully correct method Award 1 mark for fully correct method
13	e.g. 3 x 2 = 6, which is even	1	Any odd x even with answer indicated as even
14	3.1	1	
	13.1	1	
	$\frac{7}{8}$	2	Accept any equivalent form, including 0.875 Award 1 mark for fully correct method
15	14	1	
	–3	2	Award 1 mark for correct first step e.g. $2y = -6$ or $y + 5 = 2$
16	Writes the correct letters all four probabilities: P(Red) = D P(Red or Green) = E P(Yellow) = B P(Orange) = A	3	Allow correct statements written next to the letters. Award 2 marks for any 3 correct letters Award 1 mark for any 2 correct letters