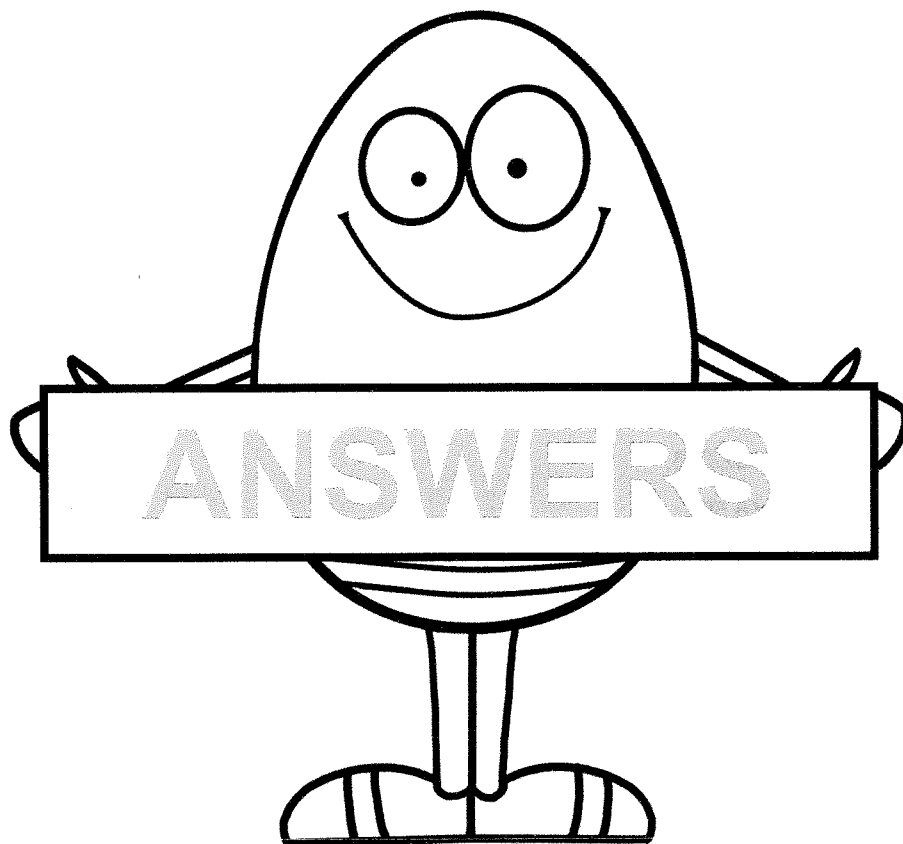


KS2 SAT Revision

Ten for Ten

Easter Practice Booklet

MATHEMATICS



Test 3

Section	Question	Answer / calculations
Day 1 Arithmetic	1	0
	2	34,748.93
	3	900
	4	690
	5	158
	6	78,400
Day 1 Reasoning	1	A: (12,6) B: (19,3)
	2	16,17,18,19
	3	5/12
	4	a) 0.05 or 1/20 b) 95%
	5	(Needs diagram)
Day 2 Arithmetic	1	1/6
	2	20,000,000
	3	0.911
	4	4/6
	5	408
	6	334796
Day 2 Reasoning	1	a) Arrow pointing to 12 b) $3 \times 9 = 9$ so numbers sum to 9. $6 - 4 = 2$ so we need 7 as the missing number.
	2	8 faces and 12 edges
	3	$18 \times 5 = 90\text{cm}$
	4	125g is 2.5 x the recipe. So $2.5 \times 30 = 75\text{g}$
Day 3 Arithmetic	1	$15/15 = 1$
	2	162,393
	3	16,595
	4	1,654
	5	$29 \frac{1}{4}$
	6	$6/4 = 1.5$ so $1.5 \times 130 = 195$
Day 3 Reasoning	1	$12 \times 7.50 + 10 \times 0.79 + 2 \times 6.90 = \text{£}111.70$
	2	$7.5 \div 1.5 = 5$ so $12.5 \div 5 = 2.5$
	3	a) $2 \times 22 + 9 = 53$ b) $100 - 4 = 96$ so $96 \div 2 = 48$
	4	A = (19,25) B = (-6,19)
Day 4 Arithmetic	1	10
	2	$0.8 - 0.65 = 0.15$
	3	4.94
	4	576
	5	$2 \frac{11}{30}$

	6	120
Day 4 Reasoning	1	a) $1/10 + 3/5$ or $1/2 + 1/5$ b) (see previous)
	2	$(4.5 \times 3 - 6) \times 2 = 15$ (working backwards)
	3	$70 \div 2 = 35$ so a) 35cm and b) 45cm
	4	$3 \times 100 = 300$ and $2 \times 70 = 140$ so $300 - 140 = 160$
Day 5 Arithmetic	1	625
	2	$180/63 + 210/63 = 390/63 = 6 \frac{12}{63}$
	3	34.21
	4	180
	5	289,489
	6	$2/9$
Day 5 Reasoning	1	$70 \div 3.5 = 20$
	2	"No" because: $2140 \div 40 = 53 \text{ r}20$
	3	a) $29 + 17 = 46$ mins b) 10:44
	4	a) blank b) 17 c) 20 d) 9
	5	$60 \times 60 \times 24 = 86400$ seconds in a day. $1,000,000 \div 86400 = 11$ days old (no need to calculate how many seconds remainder).
Day 6 Arithmetic	1	0.345
	2	$27 + 64 + 125 = 216$
	3	$6/6 = 1$
	4	208,185
	5	276
	6	$1/30$
Day 6 Reasoning	1	$3 + 3 + 2 \times 4 \times 4 = 38$ cubes
	2	$3/5 = 90$ pages, so $1/5 = 30$ pages. $5 \times 30 = 150$ pages
	3	$1500 \div 50 = 30$ days
	4	$300 + 195$ (since $3 \times 100 = 300$)
Day 7 Arithmetic	1	This is the same as $50 \times 9 = 450$
	2	1,000,810
	3	334,796
	4	$28 - 15 = 13$
	5	$44 \times 3 + 22 = 154$
	6	379
Day 7 Reasoning	1	$112 \times 82 = 9184$ then $9184 - 6108 = 3,076$ square metres
	2	a) $12 - 5 - 5 = 2$ cm and 5cm b) $12 - 5 / 2 = 3.5$ cm and 3.5cm
	3	half way between 20 and 30 so also half way between 68 and 86 = 77
	4	(5,2)

Day 8 Arithmetic	1	0.0385
	2	$356 - 3.56 = 352.44$
	3	238
	4	$12/15 + 5/15 = 17/15 = 1 \frac{2}{15}$
	5	6/14 or 3/7
	6	$2 + 3/6 + 2/6 = 2 \frac{5}{6}$
Day 8 Reasoning	1	$300 - 110 = 190$ then $6 \times 30 = 180$ so 290 is the closest
	2	$2 \times 6 = 12$ (half base $\times$ p.height)
	3	15 by trial and error, or: $5a - 60 = a$ so $4a = 60$ then $a = 15$
	4	90 degrees for chicken. Then 270 degrees (left over) is split into 5 parts (one part mushroom and 4 parts tomato). So $4/5$ of 270 = 216 degrees
Day 9 Arithmetic	1	$20 \times 345 = 6900$
	2	$3 - 63 = -60$
	3	120
	4	1800
	5	181
	6	$9/12 + 3/12 = 12/12 = 1$
Day 9 Reasoning	1	$38 + 38 = 76$ then $180 - 76 = 104$
	2	$48 \div 3 = 16$ then $16 \times 4 = 64$
	3	$48 \div 3 = 16$ then $16 \times 4 = 64$
	4	a) $2 \times 150 + 2 = 302$ circles b) $100 - 2 = 98$ then $98 / 2 = 49$ squares
Day 10 Arithmetic	1	$3078 - 19 = 3059$
	2	same as $10 \times 72 = 720$
	3	10.15
	4	$36/73 - 1/73 = 35/73$
	5	194,850
	6	0.0201
Day 10 Reasoning	1	$1 - 2/5 = 3/5$ then $3/5 \div 2 = 3/10$
	2	$50 \div 2.5 = 20$
	3	25% of 20% ($1/4$ of 20%) is 5%. So 5% (8 children) play both. $8 \times 20 = 160$ children (because $5\% \times 20 = 100\%$)
	4	5,10,20,2 or 5,10,20,4