



11+ Examination Sample Solutions

Question	Solution	Notes
1a	6 grey, 4 white squares	
1b	42	$2 \times 20 + 2$
1c	50	$(102 - 2) \div 2$
2	$99m^2$	$12 \times 4 + 5 \times 3 + 3 \times 12$
3	17	$130 \div 8 = 16 \text{ rem } 2$
4	YES – she has 22 oranges	$1 \frac{1}{2}$ litres needs $3 \times 7 = 21$
5	4, 16, 20 or 8, 12, 20	
6a	4	$16 - 12$
6b	70%	
6c	0.6	
6d	18	
6e	18	$20 - 10 \div 5$
6f	$16 + 32 \div 8 \div (2 - 1)$	20
7a	39	$20 \times 2 - 1$
7b	23	$23 + 25 = 48$
7c	No	
7d	1, 3	1, 3, 4, 7, 11, 18 ...
8	$\frac{13}{20}$	$\frac{1}{4} + \frac{2}{5}$
9a	$X = 6$	
9b	8	$3 \times 6 - 2 \times 5$
10	3487×92	
11a	5412	
11b	12 21 41 51 14 24 42 52 15 25 45 54	
12	$24 \div 8$ and $364 \div 20$	
13	3	
14	40°	Mark known angles on triangle – in an equilateral all angles are 60°
15a	$7 \times (3z) + 2 \times (5z)$	
15b	7z	Not a multiple of either 3z or 5z