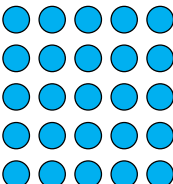
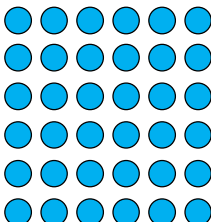


Question	Answer									
1	a) child's arrays of counters b) It is a square. c) Yes 16 counters can be arranged in a square array.									
2	a) No b) Yes c) 9 9 counters can be arranged in a square array.									
3	4      10      18      25									
4	Ron has not made complete rows of counters.									
5	Whitney has worked out $8 + 8$ instead of $8 \times 8$ The answer should be 64 which is a square number.									
6	a) $1 \times 1 = 1$ $2 \times 2 = 4$ $3 \times 3 = 9$ $4 \times 4 = 16$ b) They are all square numbers. c) <div><div> <math>5 \times 5 = 25</math></div><div> <math>6 \times 6 = 36</math></div></div> d) 49, 64, 81, 100									
7	a) 36 b) 144 c) 81 d) 0 e) 10 f) 8									
8	a) <table><tr><td></td><td>Factor of 24</td><td>Not a factor of 24</td></tr><tr><td>Square number</td><td>4</td><td>0      49</td></tr><tr><td>Prime number</td><td>3</td><td>11</td></tr></table> b) square number and factor of 24: 1 square number and not a factor of 24: multiple possible answers, e.g. 9 prime number and factor of 24: 1 or 2 prime number and not a factor of 24: multiple possible answers, e.g. 13		Factor of 24	Not a factor of 24	Square number	4	0      49	Prime number	3	11
	Factor of 24	Not a factor of 24								
Square number	4	0      49								
Prime number	3	11								
9	36 or 81									
10	49 years									