

1) Example answer:



Disagree. This method is slower and can lead to the wrong answer if you count a square more than once. The best way would be to count how many squares are in a row and multiply this by the number of rows, e.g. $9 \times 12 = 108$.

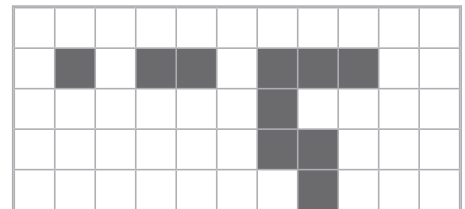
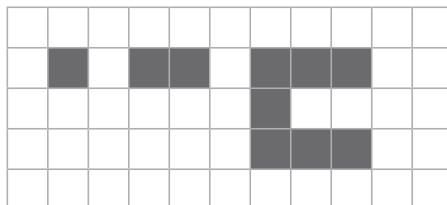
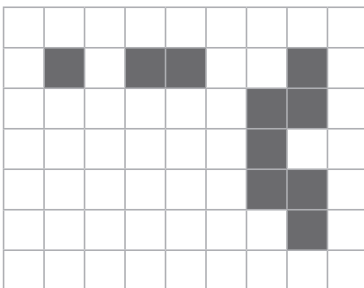
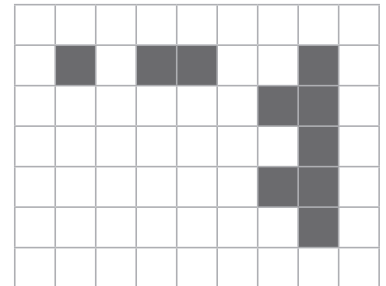
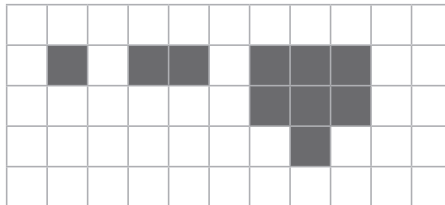
Child	Calculation	Tick or Cross	How Do You Know?
Ravi	$4 \times 3 = 12$	✗	Ravi has left out the extra square.
Max	$4 \times 4 = 16$	✗	Max has counted too many squares in each row.
Ava	$4 \times 3 = 12$ $12 + 1 = 13$	✓	Ava has calculated the number of squares in each row and then added the extra square on.

1) a)

Area of Shape A = 4 squares
Area of Shape B = 3 squares
Area of Shape C = 3 squares
Total area = $4 + 3 + 3 = 10$ squares



b) Any shape made of 7 squares will be correct. Here are some possible answers:



2) $4 \times 7 = 28$ squares

3) a) $4 \times 6 = 24$ squares

b) $8 \times 6 = 48$ squares