1) a) 12 cm
b) 11 cm
c) 10 cm
d) 14 cm
2) a) 12 cm
b) 14 cm
c) 16 cm
3) a) Incorrect. The perimeter should be 12 cm .

$$
3+3+3+3=12
$$

b) Correct.
c) Correct.
d) Incorrect. The perimeter should be 14 cm .

$$
2+4+3+2+3=14
$$

2) Jamie is incorrect. To find the perimeter of a rectangle, you need to measure one of the shorter and one of the longer sides and then double that total amount. The opposite sides would be same lengths. If Jamie doubled the total of the longest sides, his answer would be too large.
3) a) 12 cm
b) There are many possible answers. Here are some examples:

|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |


c) Children's answers will vary depending on the shapes drawn in part b). For example:

2) Children's answers will vary depending on the shapes drawn in question 1.

