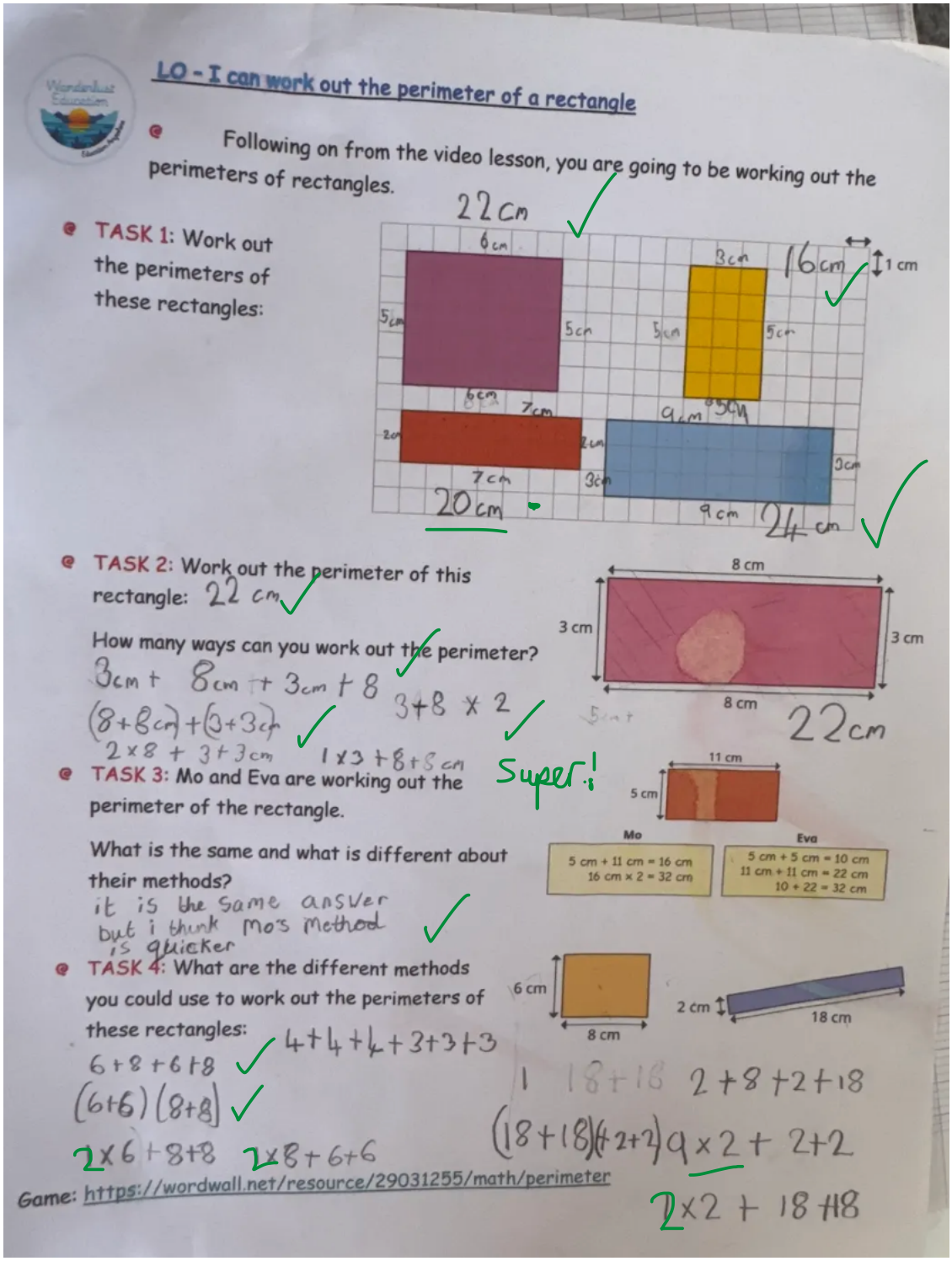

LO - I can work out the perimeter of a rectangle

Following on from the video lesson, you are going to be working out the perimeters of rectangles.

TASK 1: Work out the perimeters of these rectangles:

22 cm ✓

6 cm, 5 cm, 5 cm — 3 cm, 5 cm, 5 cm — 16 cm ✓ — 1 cm

6 cm, 7 cm, 2 cm, 7 cm — 20 cm

9 cm, 3 cm, 3 cm, 9 cm — 24 cm ✓

TASK 2: Work out the perimeter of this rectangle: 22 cm ✓

8 cm, 3 cm, 3 cm, 8 cm — 22 cm

How many ways can you work out the perimeter?

3cm + 8cm + 3cm + 8 — 3+8 x 2 ✓

(8+8cm)+(3+3cm) ✓ — 1x3+8+8cm

2x8 + 3+3cm

Super.!

TASK 3: Mo and Eva are working out the perimeter of the rectangle.

11 cm, 5 cm

Mo	Eva
5 cm + 11 cm = 16 cm 16 cm x 2 = 32 cm	5 cm + 5 cm = 10 cm 11 cm + 11 cm = 22 cm 10 + 22 = 32 cm

What is the same and what is different about their methods?

it is the same answer but i think mo's method is quicker ✓

TASK 4: What are the different methods you could use to work out the perimeters of these rectangles:

6 cm, 8 cm — 2 cm, 18 cm

6+8+6+8 — 4+4+4+3+3+3 ✓

(6+6)(8+8) ✓

2x6+8+8 — 2x8+6+6

1 18+18 2+8+2+18

(18+18)(2+2) 9x2+2+2

2x2+18+18

Game: https://wordwall.net/resource/29031255/math/perimeter

Well done, Lara. Some great explanations about the different methods of working out the perimeter of a rectangle.

T- Check the red rectangle in Task 1 and check your methods in Task 4. Your explanation in Task 2 was brilliant!