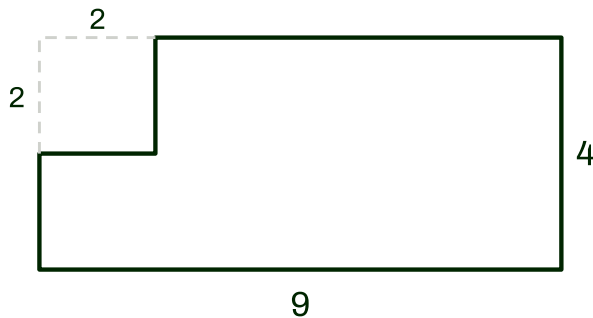


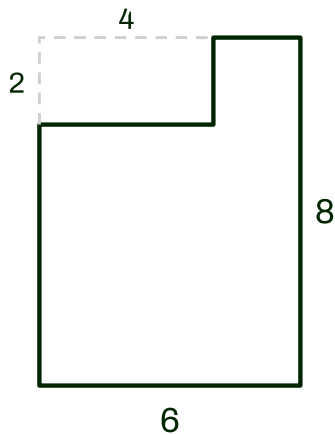
Find the area of a rectilinear figure by decomposing it

NAME	DATE	SCORE / 10
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- 1** The shape below is made of two rectangles. Lengths are in centimetres. What is the area, in square centimetres, of the shape?

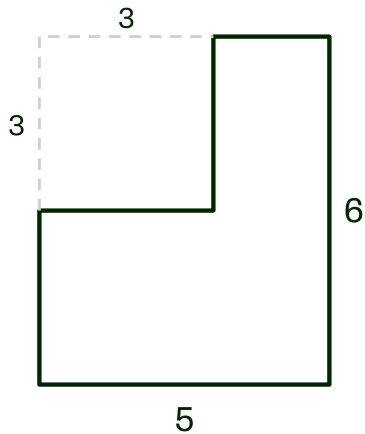


- 2** The shape below is made of two rectangles. Lengths are in centimetres. Emma says the area of the shape is 40 square centimetres. Is Emma right?



- ☐ Yes: the area is 40 square centimetres
 ☐ No: the area is 48 square centimetres
☐ No: the area is 52 square centimetres

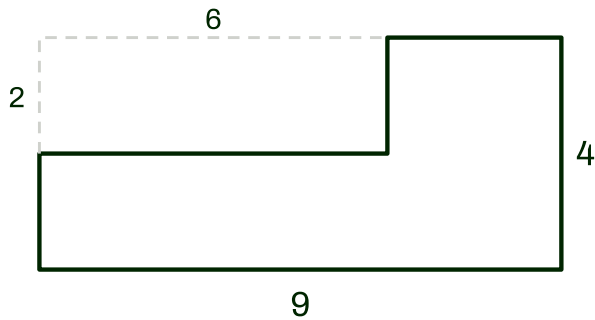
- 3** The shape below is a rectangle with a corner cut away. Which of these give its area, in square units?



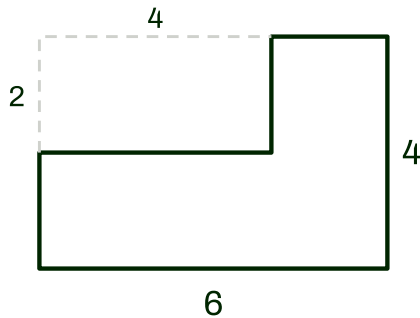
Tick every answer that is true.

- ☐ **A** $5 \times 6 + 3 \times 3$
- ☐ **B** $5 \times 6 - 3 \times 3$
- ☐ **C** $5 \times 3 + 2 \times 3$
- ☐ **D** $2 \times 6 + 3 \times 3$
- ☐ **E** $5 \times 3 + 3 \times 3$

- 4** The shape below is made of two rectangles. Lengths are in metres. What is the area, in square metres, of the shape?

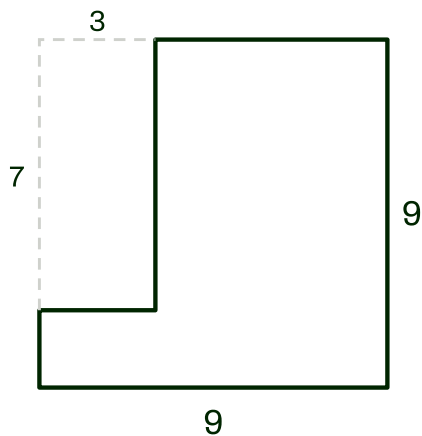


- 5** The shape below is made of two rectangles. Lengths are in centimetres. Ana says the area of the shape is 24 square centimetres. Is Ana right?



- ☐ No: the area is 16 square centimetres ☐ Yes: the area is 24 square centimetres
☐ No: the area is 20 square centimetres

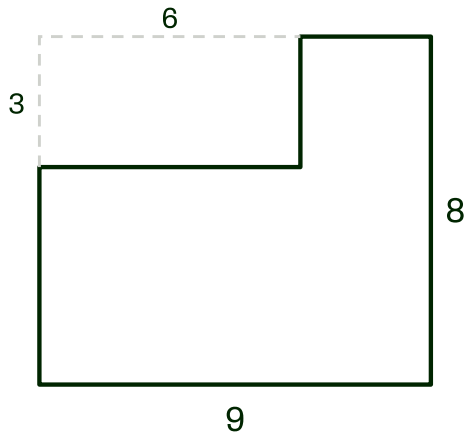
- 6** The shape below is a rectangle with a corner cut away. Which of these give its area, in square units?



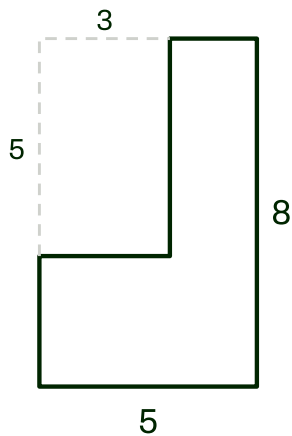
Tick every answer that is true.

- ☐ **A** $9 \times 9 + 3 \times 7$
☐ **B** $9 \times 2 + 6 \times 7$
☐ **C** $9 \times 2 + 3 \times 7$
☐ **D** $6 \times 9 + 3 \times 2$
☐ **E** $9 \times 9 - 3 \times 7$

- 7** The shape below is made of two rectangles. Lengths are in centimetres. What is the area, in square centimetres, of the shape?

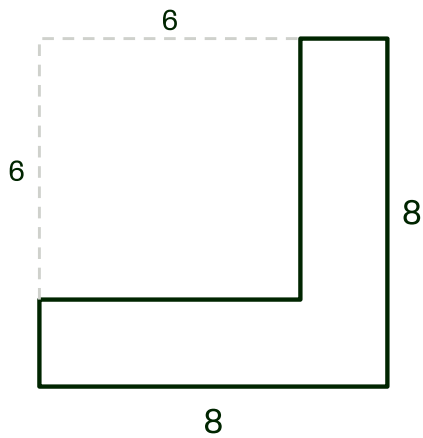


- 8** The shape below is made of two rectangles. Lengths are in metres. Emma says the area of the shape is 25 square metres. Is Emma right?

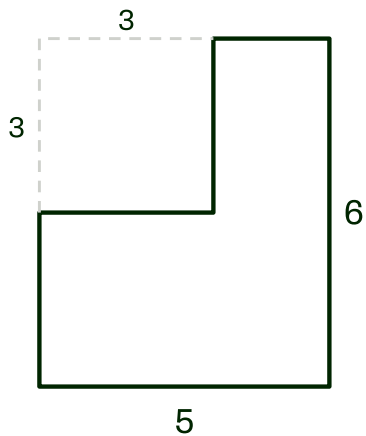


- ☐ No: the area is 31 square metres ☐ Yes: the area is 25 square metres
☐ No: the area is 40 square metres

- 9** The shape below is made of two rectangles. Lengths are in metres. What is the area, in square metres, of the shape?



- 10** The shape below is made of two rectangles. Lengths are in centimetres. What is the area, in square centimetres, of the shape?



Find the area of a rectilinear figure by decomposing it

1 32

3 B, C, D

Tick exactly these: B: $5 \times 6 - 3 \times 3$; C: $5 \times 3 + 2 \times 3$; D: $2 \times 6 + 3 \times 3$. One missed or one extra is wrong.

5 No: the area is 16 square centimetres

7 54

9 28

2 Yes: the area is 40 square centimetres

4 24

6 B, D, E

Tick exactly these: B: $9 \times 2 + 6 \times 7$; D: $6 \times 9 + 3 \times 2$; E: $9 \times 9 - 3 \times 7$. One missed or one extra is wrong.

8 Yes: the area is 25 square metres

10 21