Examples

Workout

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**Question 1:** Work out the area of each of these shapes.

(a)
3cm
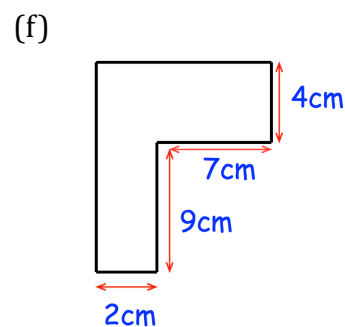4cm
5cm
7cm
3cm
8cm

(b)
6cm
2cm
9cm
4cm
7cm
2cm

(c)
5cm
6cm
7cm
10cm
4cm
12cm
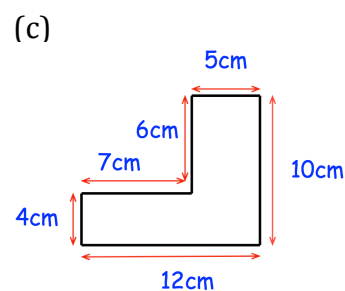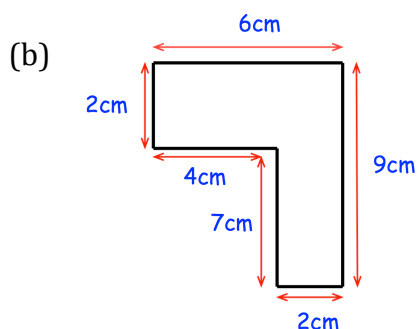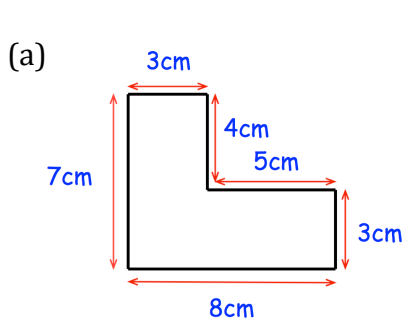
**Question 2:** Work out the area of each of these shapes.

(a)
6cm
15cm
11cm
8cm

(b)
6cm
2cm
7cm
3cm

(c)
25cm
10cm
13cm
30cm

(d)
9cm
4cm
14cm
10cm

(e)
4cm
11cm
5cm
12cm

(f)
4cm
7cm
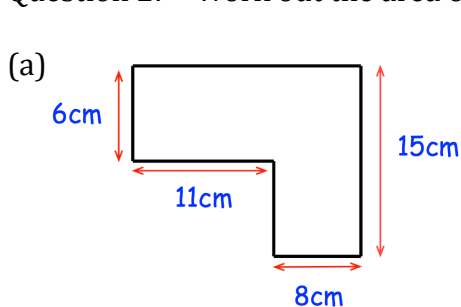9cm
2cm
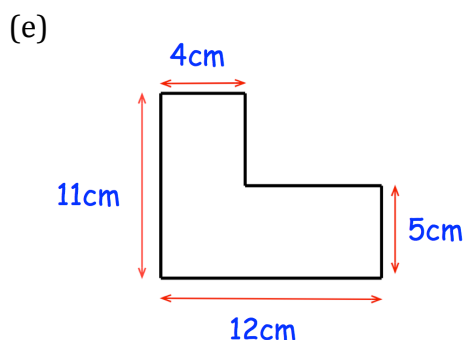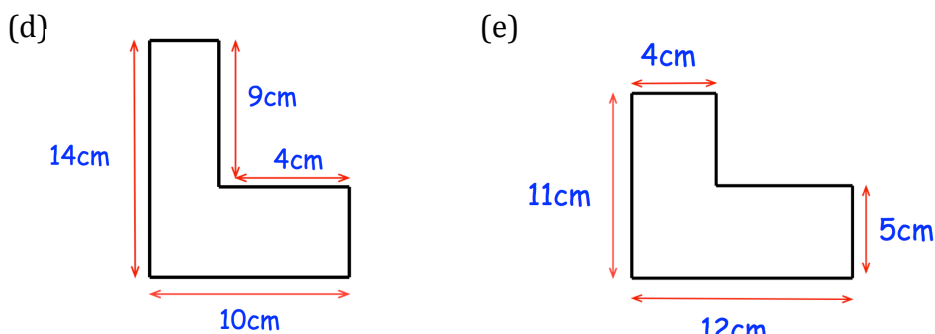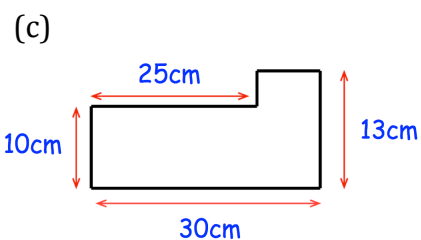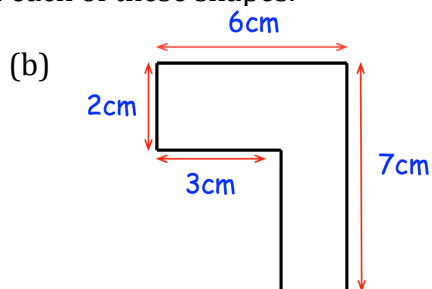
**Question 3:** The area of each shape is given.
Work out the size of the missing sides.

(a)
3cm
12cm
$x$
2cm
Total area = 48cm²

(b)
5cm
7cm
4cm
$x$
Total area = 91cm²

(c)
20cm
$x$
15cm
8cm
Total area = 228cm²

(d)

20cm

11cm

x

9cm

Total area = 283cm²

(e)

5cm

17cm

6cm
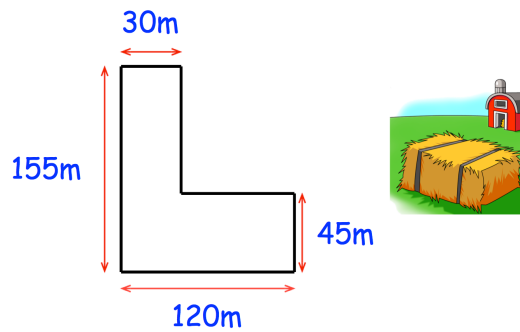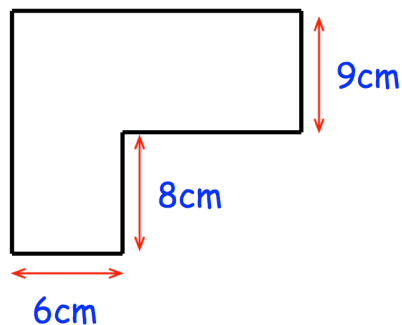
x
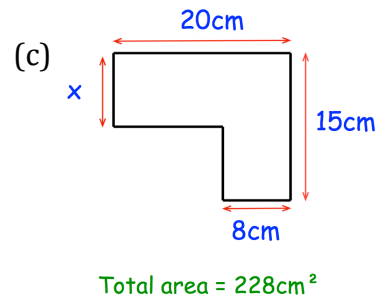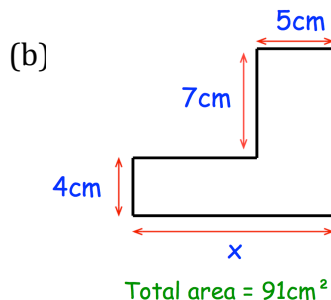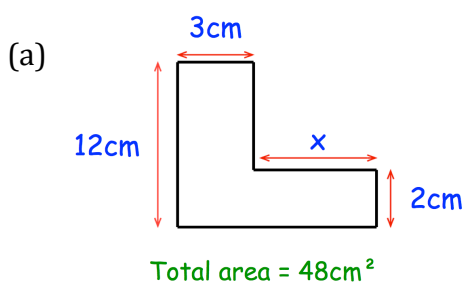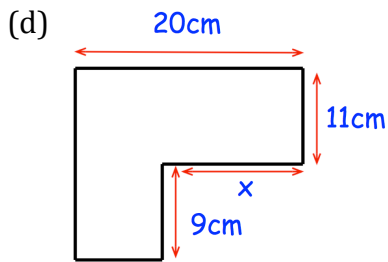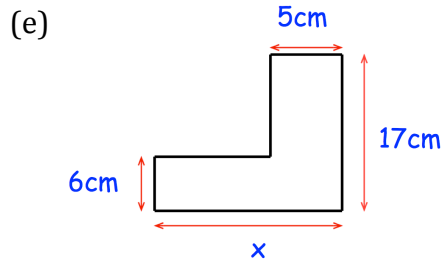
Total area = 151cm²

## Apply

Question 1:    A farmer keeps ostriches in the field shown.
Each ostrich needs at least 12m²
Calculate the maximum number of ostriches that he can keep.

30m

155m

45m

120m

Question 2:    The perimeter of the shape below is 70cm
Calculate the area.

9cm

8cm

6cm

## Answers

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