Compound Area

Calculate the area of this compound shape:

**1.**

5cm

7cm

6cm

9cm

Area =

4.

3cm

7cm

6cm

8cm

Area =

2.

3cm

8cm

6cm

2cm

Area =

5.

4cm

8cm

12cm

8cm

Area =

3.

5cm

10cm

4cm

5cm

Area =

6.

9cm

15cm

7cm

6cm

Area =

7.

16cm

4cm

5cm

13cm

Area =

8.

32cm

6cm

20cm

24cm

Area =

9.

28cm

4cm

15cm

18cm
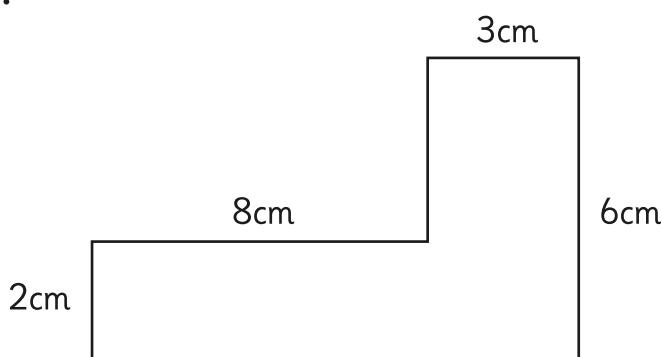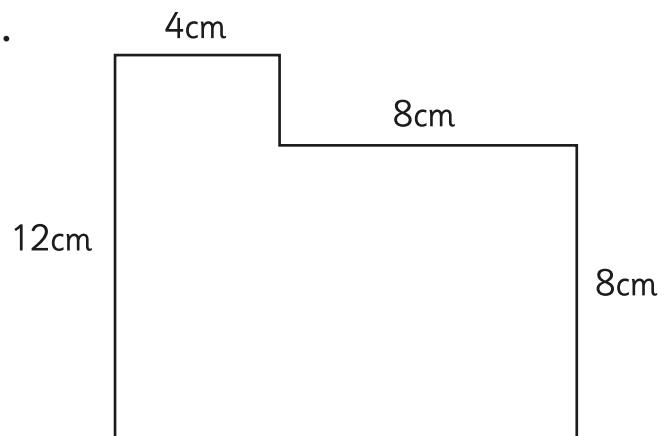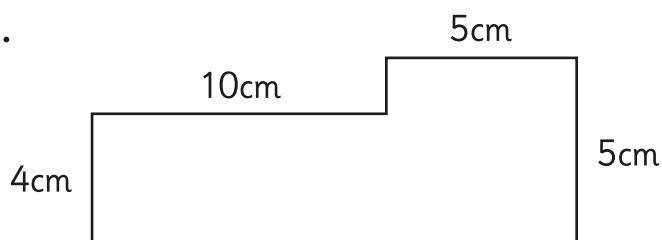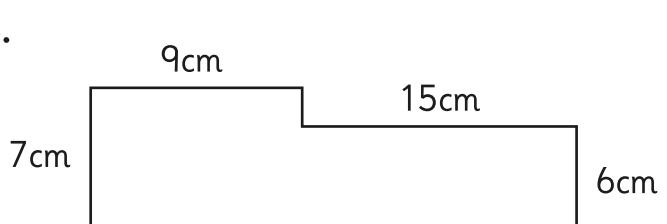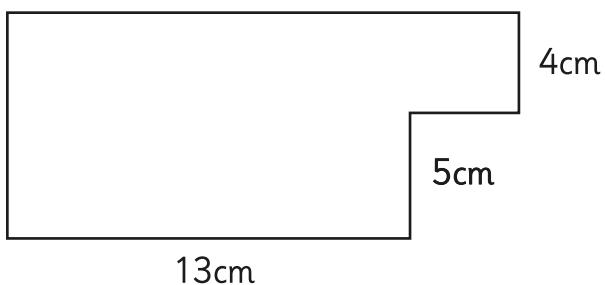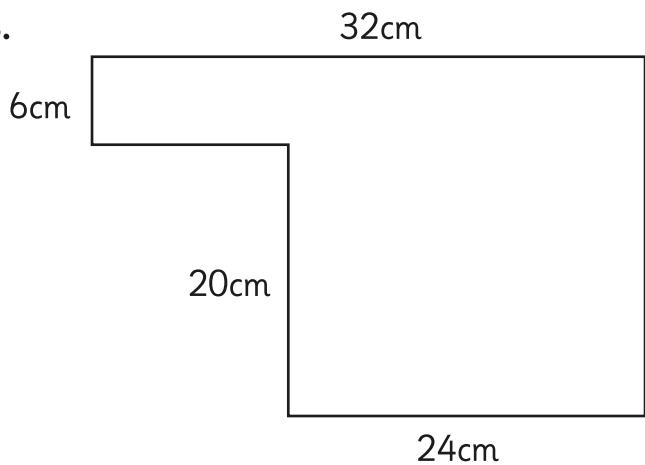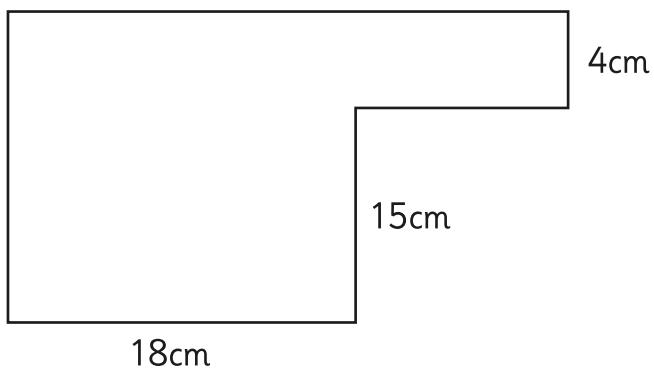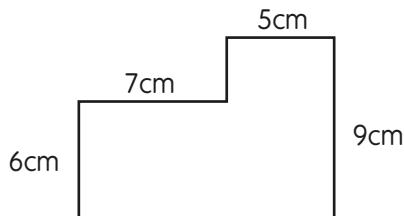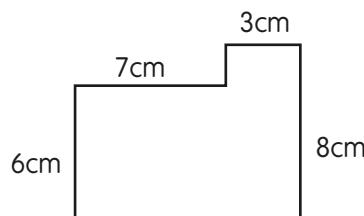
Area =

Compound Area Answers

1.

5cm
7cm
9cm
6cm
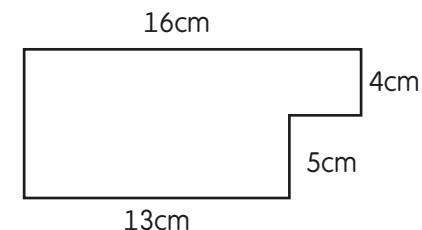
Area = (6cm x 7cm) + (5cm x 9cm)
= 42cm² + 45cm² = **87cm²**

4.

3cm
7cm
6cm
8cm
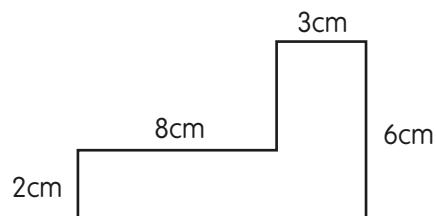
Area = (8cm x 3cm) + (7cm x 6cm)
= 24cm² + 42cm² **66cm²**

7.
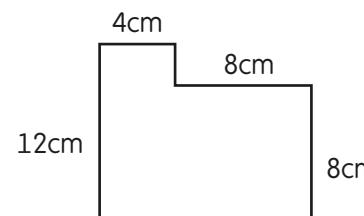
16cm
4cm
5cm
13cm

Area = (16cm x 4cm) + (13cm x 5cm)
= 64cm² + 65cm² = **129cm²**

2.

3cm
8cm
6cm
2cm
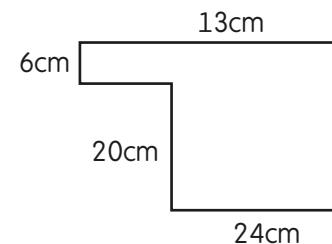
Area = (2cm x 8cm) + (3cm x 6cm)
= 16cm² + 18cm² = **34cm²**

5.

4cm
8cm
12cm
8cm
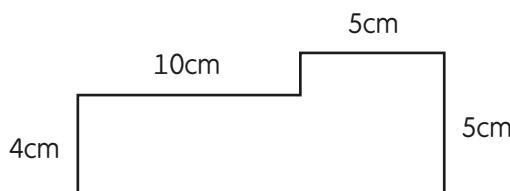
Area = (12cm x 4cm) + (8cm x 8cm)
= 48cm² + 64cm² = **112cm²**

8.

13cm
6cm
20cm
24cm
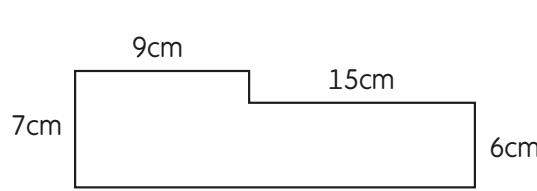
Area = (6cm x 32cm) + (20cm x 24cm)
= 192cm² + 480cm² = **672cm²**

3.

5cm
10cm
4cm
5cm
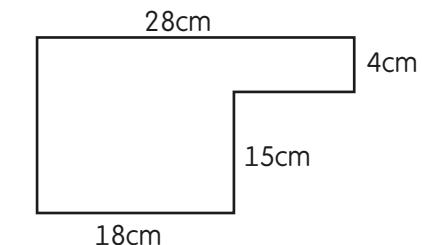
Area = (4cm x 10cm) + (5cm x 5cm)
= 40cm² + 25cm² = **65cm²**

6.

9cm
15cm
7cm
6cm

Area = (7cm x 9cm) + (15cm x 6cm)
= 63cm² + 90cm² = **153cm²**

9.

28cm
4cm
15cm
18cm

Area = (28cm x 4cm) + (18cm x 15cm)
= 112cm² + 270cm² = **382cm²**