Please make sure that you print this resource at 100% so that all measurements are correct.
To do this, follow the relevant steps below.

### Adobe Reader or Adobe Acrobat

- Adobe Reader is a free PDF viewer, from Adobe. To install a copy of Adobe Reader, go to https://get.adobe.com/uk/reader/.

- Once Adobe Reader is installed, open your PDF.

- Go to File>Print.

- Under 'Page Sizing & Handling', select 'Size'.

- From here, make sure that 'Actual Size' is selected.

- Print this page as a test, making sure that the shape below is the correct size once printed.

- If the test print is correct, print your PDF.

Foxit Reader

- Go to File>Print.

- Set the 'Scaling' to 'None'.

- Print this page as a test, making sure that the shape below is the correct size once printed.

- If the test print is correct, print your PDF.

Web Browser

- If printing from a web browser, such as Chrome, Firefox or Microsoft Edge make sure that your printer is set to print at 100%, either by unticking 'Fit to Page' or selecting 'Actual Size'.

- Print this page as a test, making sure that the shape below is the correct size once printed.

- If the test print is correct, print your PDF.

5cm
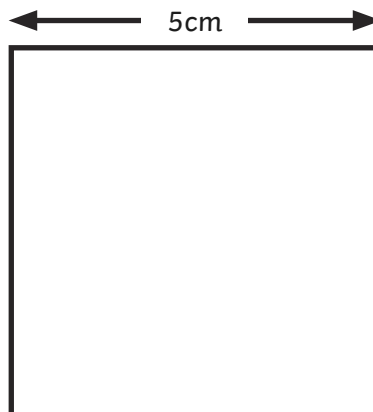
Calculate Area by Counting Squares

I can measure area by counting squares.

1. Cut out the quadrilaterals below and use the counting grid to find the area.
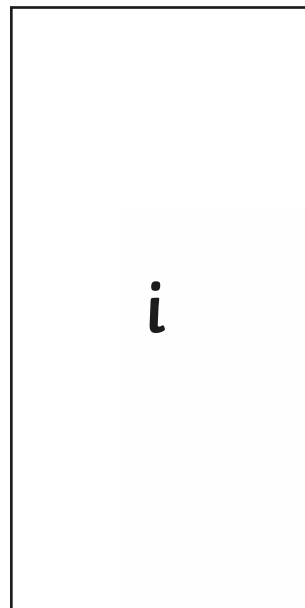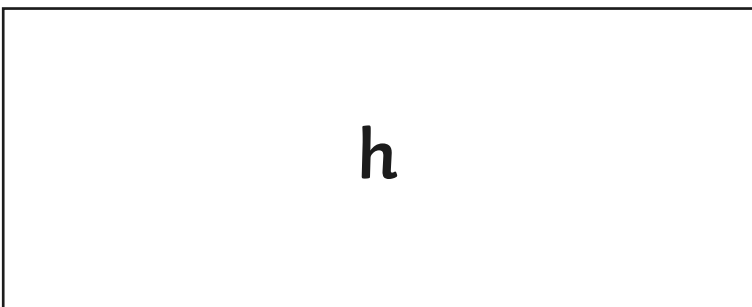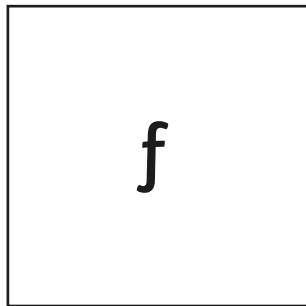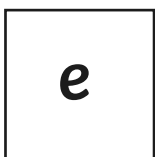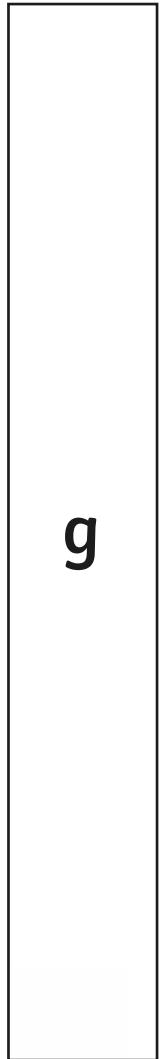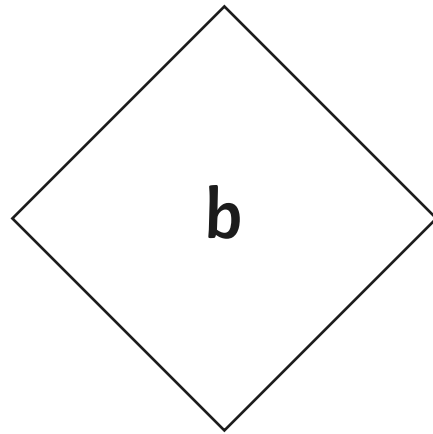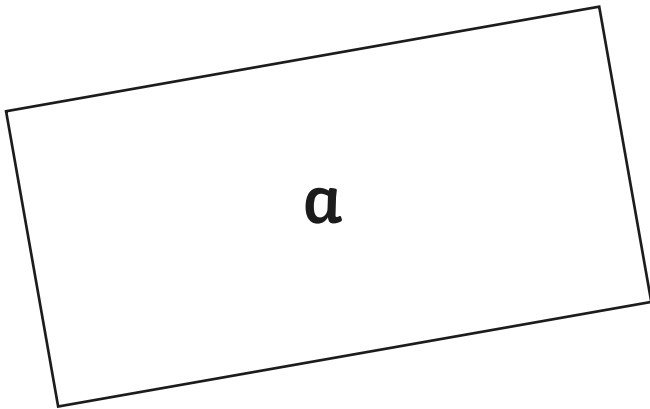
a

b

c

d

g

e

f

i

h

Challenge: Draw some of your own quadrilaterals for a friend to find the area.
Use the counting grid to help.

Calculate Area by Counting Squares

1. Cut out the quadrilaterals and use the counting grid to find the area.

a. _____ squares

b. _____ squares

c. _____ squares

d. _____ squares

e. _____ squares

f. _____ squares

g. _____ squares

h. _____ squares

i. _____ squares

Challenge: Draw some of your own quadrilaterals for a friend to find the area.
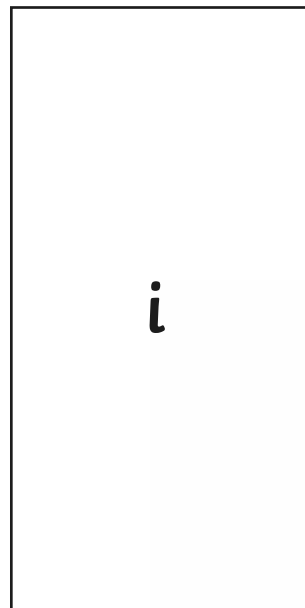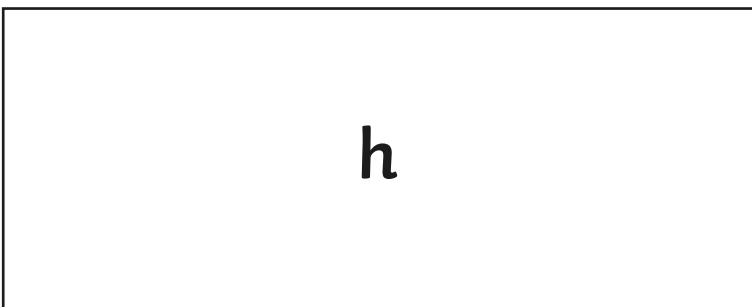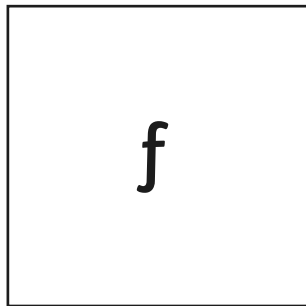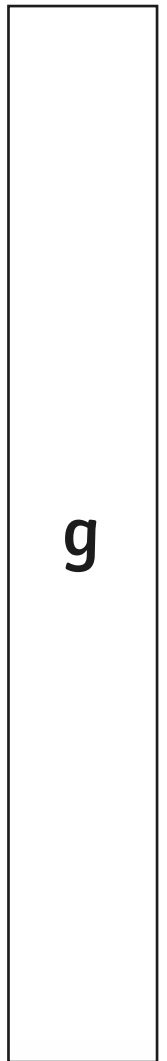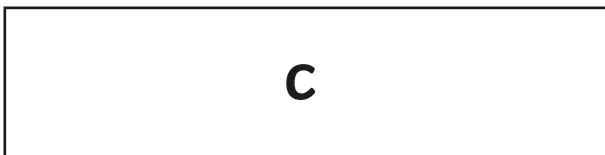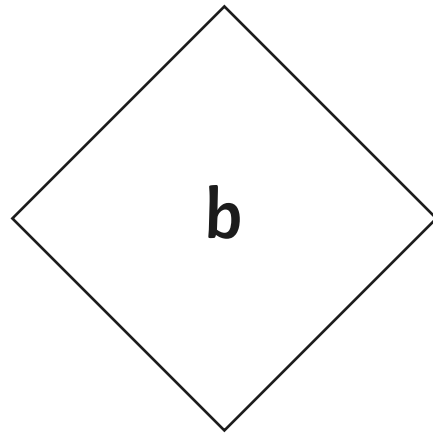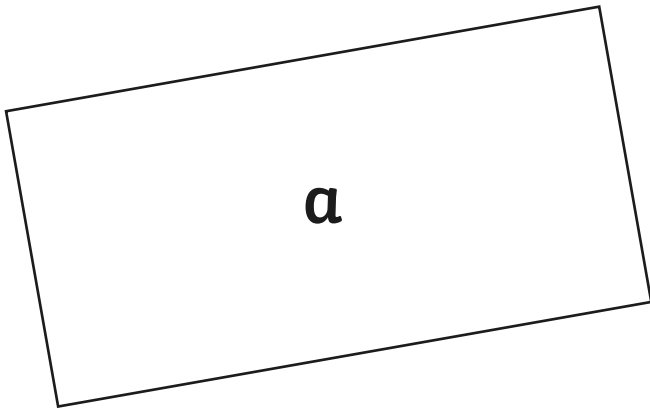Use the counting grid to help.

Counting Grid

Calculate Area by Counting Squares

I can calculate area by using a ruler.

1. Measure the shapes below using a ruler and work out the area for each.
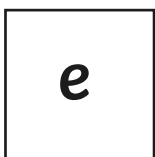
a

b

c

d

g

f

e

i

h

Challenge: Draw some of your own quadrilaterals for a friend to find the area.
Use the counting grid to help.

Calculate Area by Counting Squares

1. Measure the shapes below using a ruler and work out the area for each.

a. _____ cm²

b. _____ cm²

c. _____ cm²

d. _____ cm²

e. _____ cm²

f. _____ cm²

g. _____ cm²

h. _____ cm²

i. _____ cm²

Challenge: Draw some of your own quadrilaterals for a friend to find the area.
Use the counting grid to help.

Counting Grid

2cm²

Calculate Area by Counting Squares
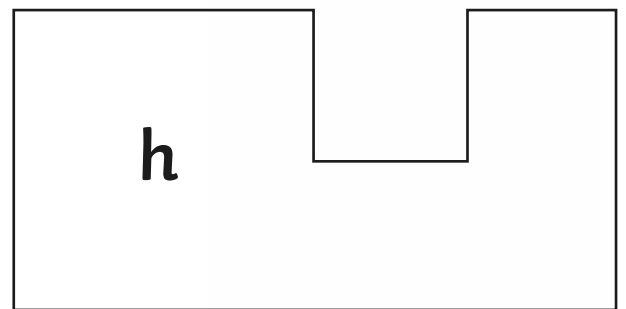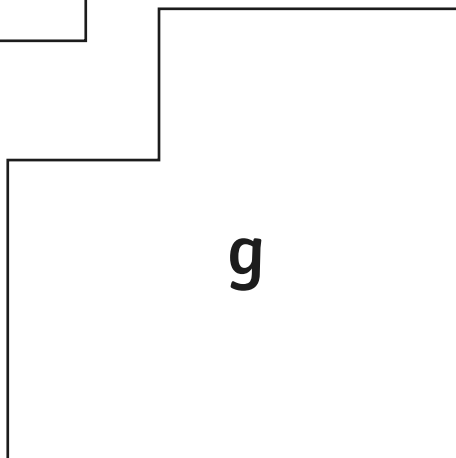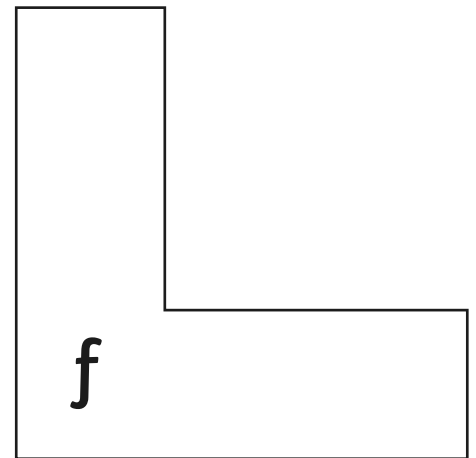
I can calculate the area of a shape. I can round decimals to the nearest whole number.

1. Using a ruler, measure the edges of the shapes below to the nearest whole cm. Then, work out the area of each shape.

a

b

c

d

e

f

g

h
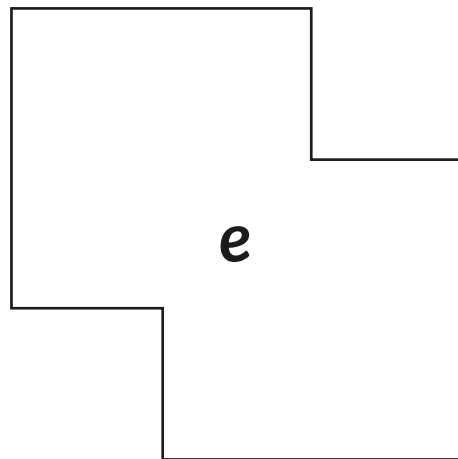
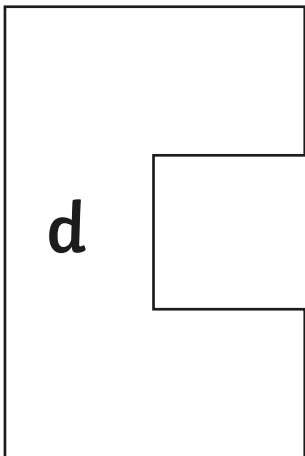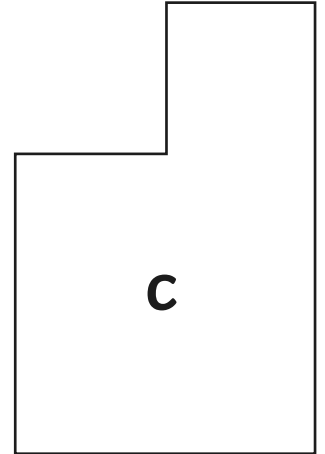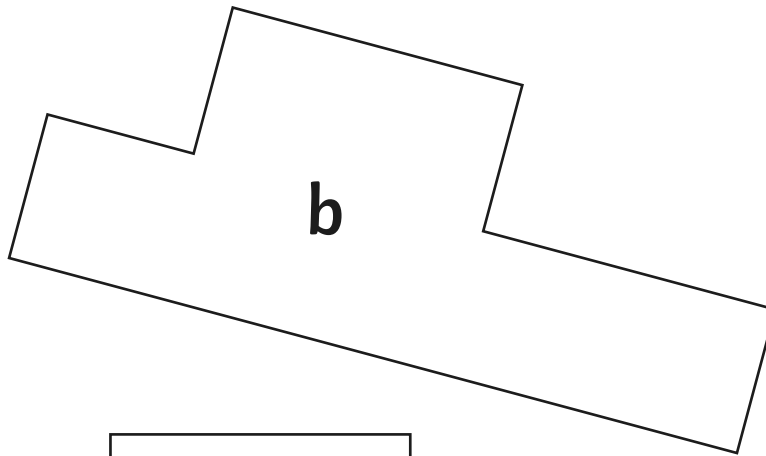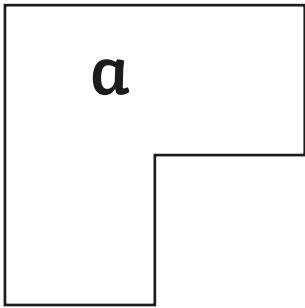**Challenge:** Draw some of your own shapes for a friend to find the area.
Use the counting grid to help.

Calculate Area by Counting Squares

1. Using a ruler, measure the edges of the shapes below to the nearest whole cm. Then, work out the area of each shape.

a. _____ cm²

b. _____ cm²

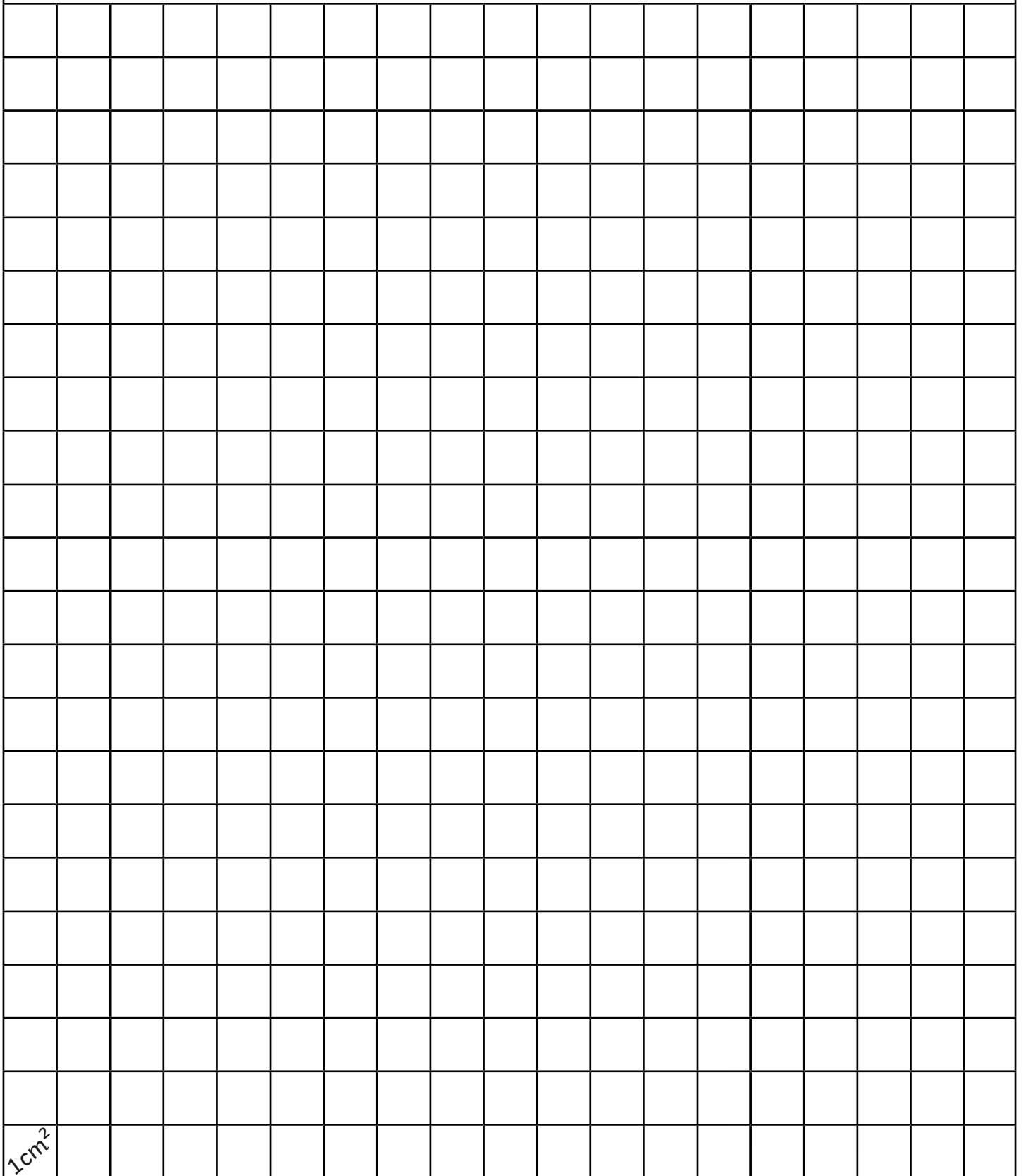c. _____ cm²

d. _____ cm²

e. _____ cm²

f. _____ cm²

g. _____ cm²

h. _____ cm²

Challenge: Draw some of your own quadrilaterals for a friend to find the area. Use the counting grid to help.

Counting Grid

1cm²

Calculate Area by Counting Squares **Answers**

★

Question	Answer		
1. Cut out the squares and use them to find the area of these rectangles.			
a	8 squares	f	4 squares
b	4 squares	g	7 squares
c	4 squares	h	10 squares
d	3 squares	i	8 squares
e	1 squares		

★ ★

Question	Answer
1. Measure the shapes below using a ruler and work out the area for each.	
a	32cm²
b	16cm²
c	16cm²
d	12cm²
e	4cm²
f	16cm²
g	28cm²
h	40cm²
i	32cm²

★ ★ ★

Question	Answer
1. Using a ruler, measure the edges of the shapes below to the nearest whole cm. Then, work out the area of each shape.	
a	12cm²
b	28cm²
c	20cm²
d	20cm²
e	28cm²
f	20cm²
g	32cm²
h	28cm²