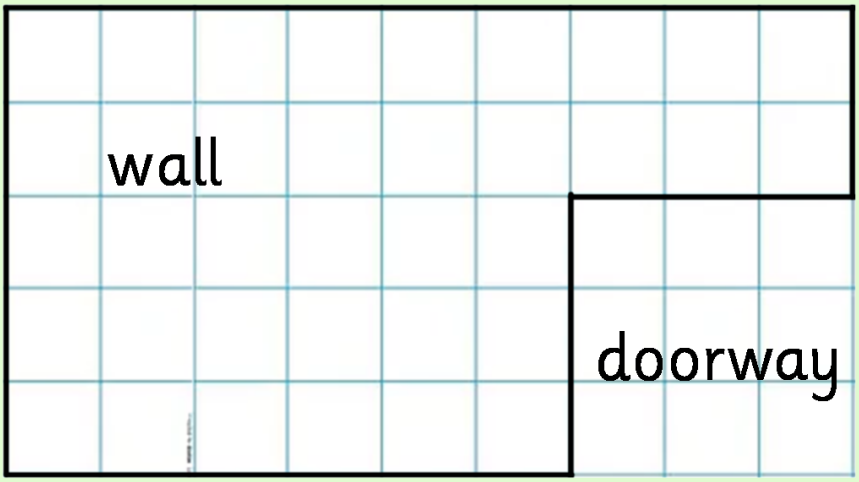
26.2.24

Calculating the area of compound shapes.

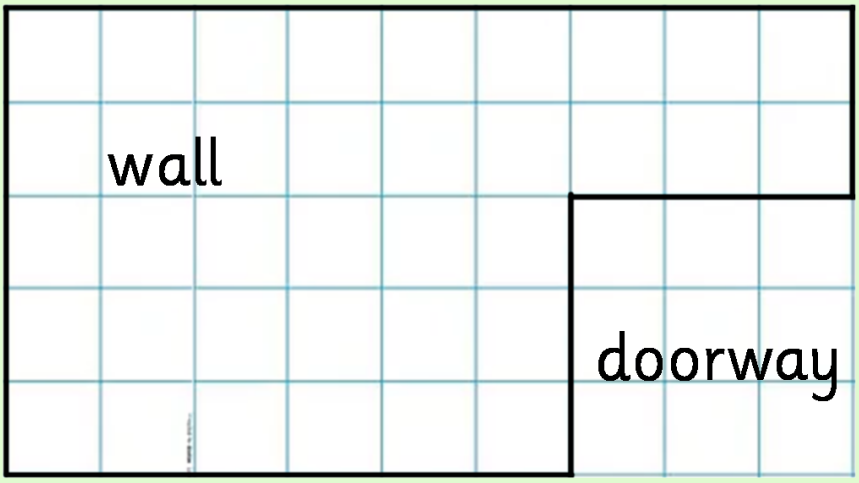
How can I work out the area of the wall?



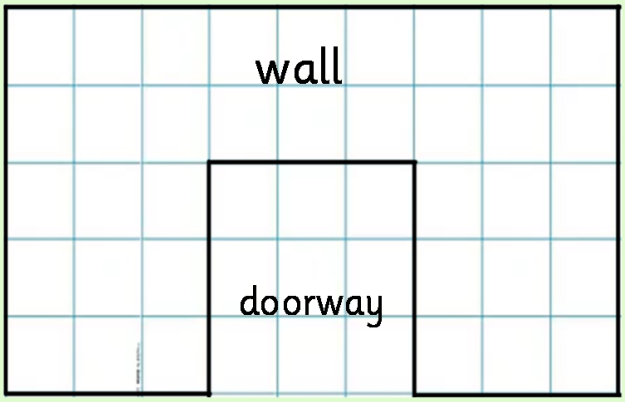
26.2.24

Calculating the area of compound shapes.

How can I work out the area of the wall?

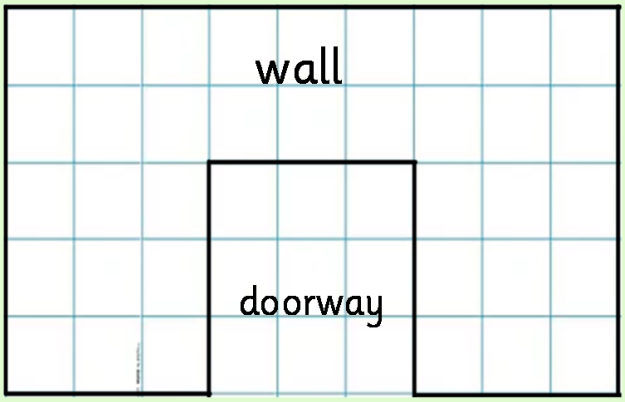


What is the area of the wall?



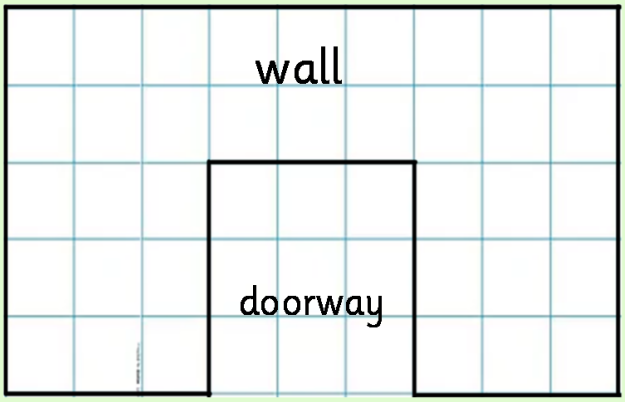
1 square = 1m²

What is the area of the wall?



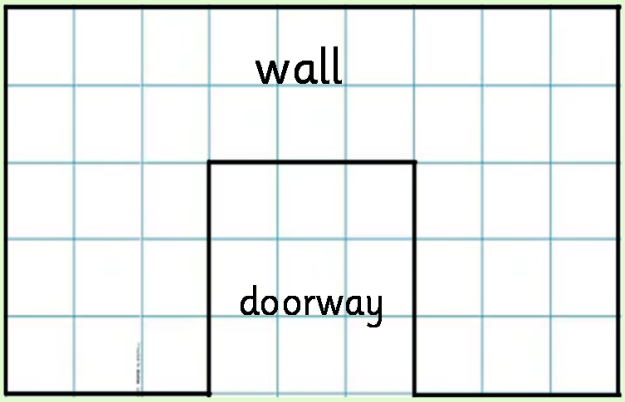
1 square = 1m²

What is the area of the wall?



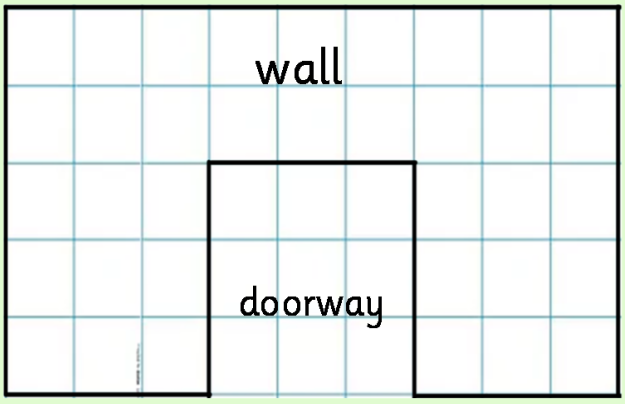
1 square = 1m²

What is the area of the wall?



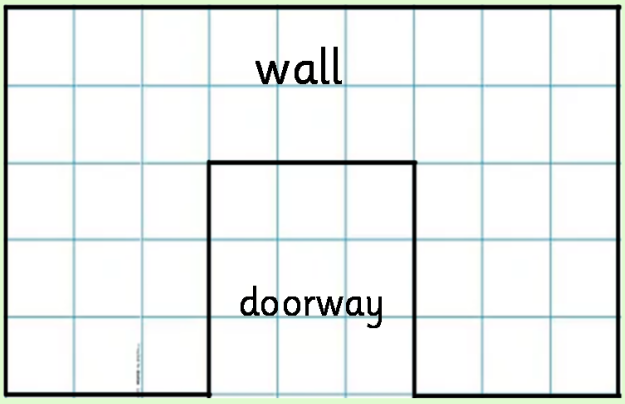
1 square = 1m²

What is the area of the wall?



1 square = 1m²

What is the area of the wall?



1 square = 1m²

28.2.24

Multiplying by 10 and 100

thousands	hundreds	tens	ones	tenths	hundredths
1,000	100	10	1	0.1	0.01

145 x 10 = _____

thousands	hundreds	tens	ones	tenths	hundredths
1,000	100	10	1	0.1	0.01

1.6 x 100 = _____

thousands	hundreds	tens	ones	tenths	hundredths
1,000	100	10	1	0.1	0.01

14 x 1000 = _____

thousands	hundreds	tens	ones	tenths	hundredths
1,000	100	10	1	0.1	0.01

560 ÷ 10 = _____

thousands	hundreds	tens	ones	tenths	hundredths
1,000	100	10	1	0.1	0.01

1652 ÷ 100 = _____

thousands	hundreds	tens	ones	tenths	hundredths
1,000	100	10	1	0.1	0.01

15 ÷ 10 = _____

28.03.24

Multiplying by 10 and 100 **CHALLENGE**

$5 \times 10 = \square$ $\qquad$ $\square = 19 \times 10$

$\square \times 10 = 60$ $\qquad$ $150 = \square \times 10$

$7 \times \square = 70$ $\qquad$ $210 = \square \times 10$

$5 \times 100 = \square$ $\qquad$ $\square = 19 \times 100$

$\square \times 100 = 600$ $\qquad$ $1{,}500 = \square \times 100$

$7 \times \square = 700$ $\qquad$ $2{,}100 = \square \times 100$

$3 \times 10 \times 10 = \square \times 100$

$\square \times 10 \times 10 = 4 \times 100$

$5 \times 10 \times 10 = \square \times 100$

$7 \times \square \times 10 = 7 \times 100$

$11 \times 10 \times 10 = 11 \times \square$

$23 \times \square \times 10 = 23 \times 100$

2.3.23

Multiplying by 10 and 100 **CHALLENGE**

$5 \times 10 = \square$ $\qquad$ $\square = 19 \times 10$

$\square \times 10 = 60$ $\qquad$ $150 = \square \times 10$

$7 \times \square = 70$ $\qquad$ $210 = \square \times 10$

$5 \times 100 = \square$ $\qquad$ $\square = 19 \times 100$

$\square \times 100 = 600$ $\qquad$ $1{,}500 = \square \times 100$

$7 \times \square = 700$ $\qquad$ $2{,}100 = \square \times 100$

$3 \times 10 \times 10 = \square \times 100$

$\square \times 10 \times 10 = 4 \times 100$

$5 \times 10 \times 10 = \square \times 100$

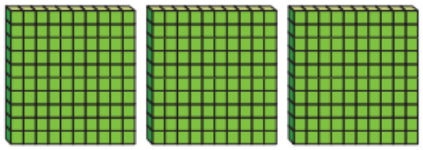
$7 \times \square \times 10 = 7 \times 100$

$11 \times 10 \times 10 = 11 \times \square$

$23 \times \square \times 10 = 23 \times 100$

29.02.24

Multiplying by 10 and 100



3 × 1 hundred = _____ hundreds

3 × 100 = _____

100 × 10 = 1,000

101 × 10 = 1,010

102 × 10 = 1,020

103 × 10 = ☐

104 × 10 = ☐

105 × 10 = ☐

☐ × 10 = 1,060

☐ × 10 = 1,070

☐ × 10 = 1,080

109 × 10 = ☐

110 × 10 = ☐

400 × 10 = 4,000

410 × 10 = 4,100

420 × 10 = 4,200

430 × 10 = ☐

440 × 10 = ☐

450 × 10 = ☐

☐ × 10 = 4,600

☐ × 10 = 4,700

☐ × 10 = 4,800

490 × 10 = ☐

500 × 10 = ☐

There are 8 jars.

Each jar contains 100 drawing pins.

How many drawing pins are there altogether?

2 × 12 = ☐

so

200 × 12 = ☐

5 × 7 = ☐

so

5 × 700 = ☐

100 × 7 = ☐

8 × 700 = ☐

9 × 400 = ☐

400 × 4 = ☐

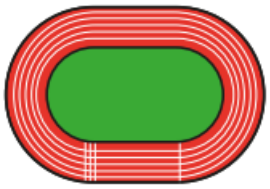
Write <, > or = to compare the multiplications.

75 × 100 ◯ 75 × 10

39 × 100 ◯ 39 × 10 × 10

460 × 10 ◯ 100 × 47

10 × 420 ◯ 42 × 100



Filip runs 80 m.

Kim runs 10 times as far.

How far do they run altogether?

29.02.24—challenge

Multiplying by 10 and 100—complete the gattegno chart

1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**

What does it show you?

29 2.24

Multiplying by 10 and 100

CHALLENGE

Aisha multiplies a whole number by 10

Her answer is between 440 and 540

What number could Aisha have multipled by 10?

How many possibilities can you find?

29 2.24

Multiplying by 10 and 100

CHALLENGE

Aisha multiplies a whole number by 10

Her answer is between 440 and 540

What number could Aisha have multipled by 10?

How many possibilities can you find?

29 2.24

Multiplying by 10 and 100

CHALLENGE

Aisha multiplies a whole number by 10

Her answer is between 440 and 540

What number could Aisha have multipled by 10?

How many possibilities can you find?

29 2.24

Multiplying by 10 and 100

CHALLENGE

Aisha multiplies a whole number by 10

Her answer is between 440 and 540

What number could Aisha have multipled by 10?

How many possibilities can you find?