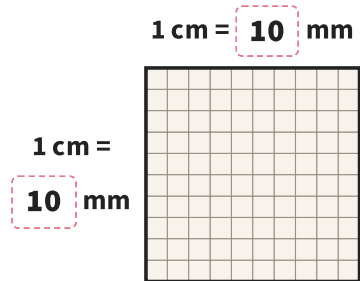


Converting Units of Area and Volume

ANSWERS

1

Convert 4 cm² to mm².

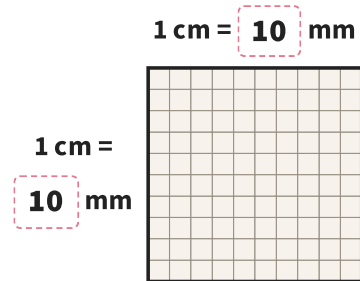


$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$4 \text{ cm}^2 = 4 \times 100 = 400 \text{ mm}^2$$

2

Convert 2 cm² to mm².

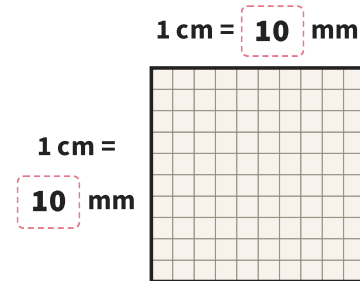


$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$2 \text{ cm}^2 = 2 \times 100 = 200 \text{ mm}^2$$

3

Convert 5 cm² to mm².

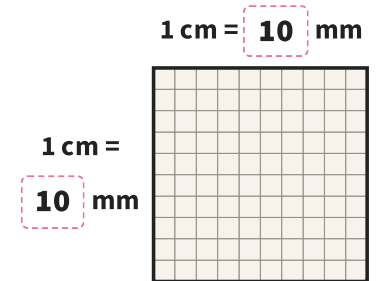


$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$5 \text{ cm}^2 = 5 \times 100 = 500 \text{ mm}^2$$

4

Convert 10 cm² to mm².

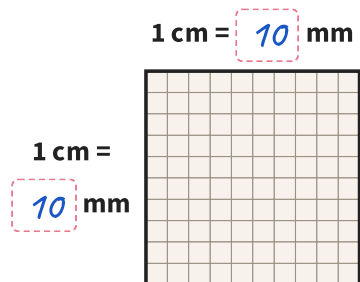


$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$10 \text{ cm}^2 = 10 \times 100 = 1000 \text{ mm}^2$$

5

Convert 7 cm² to mm².

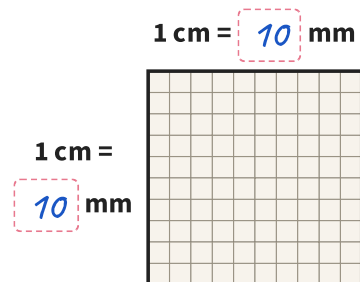


$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$7 \text{ cm}^2 = 7 \times 100 = 700 \text{ mm}^2$$

6

Convert 9 cm² to mm².

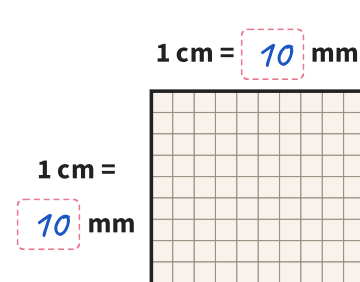


$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$9 \text{ cm}^2 = 9 \times 100 = 900 \text{ mm}^2$$

7

A sticker has an area of 6 cm².
What is its area in mm²?

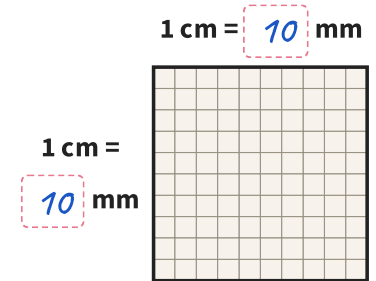


$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$6 \text{ cm}^2 = 6 \times 100 = 600 \text{ mm}^2$$

8

Which is bigger, 3 cm² or 250 mm²?



$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$3 \text{ cm}^2 = 3 \times 100 = 300 \text{ mm}^2$$

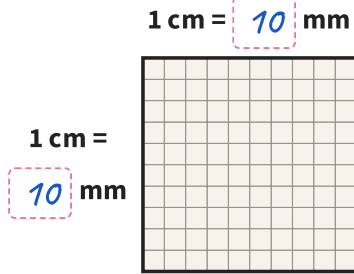
Bigger 3 cm²

Converting Units of Area and Volume *further practice*

ANSWERS

9

Convert 8 cm² to mm².

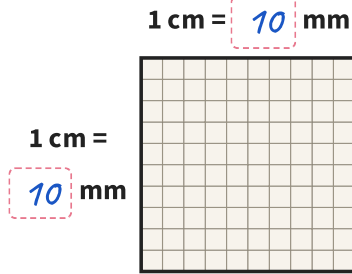


$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$8 \text{ cm}^2 = 8 \times 100 = 800 \text{ mm}^2$$

10

Convert 12 cm² to mm².

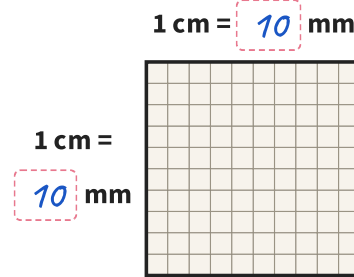


$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$12 \text{ cm}^2 = 12 \times 100 = 1200 \text{ mm}^2$$

11

A badge has an area of 20 cm².
What is its area in mm²?

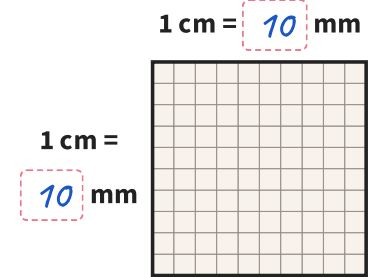


$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$20 \text{ cm}^2 = 20 \times 100 = 2000 \text{ mm}^2$$

12

Two stickers are each 3 cm².
Find their total area in mm².

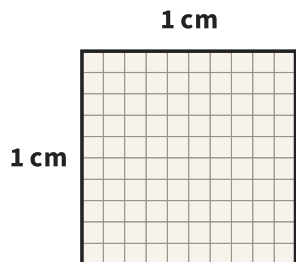


$$1 \text{ cm}^2 = 10 \times 10 = 100 \text{ mm}^2$$

$$6 \text{ cm}^2 = 6 \times 100 = 600 \text{ mm}^2$$

13

Fill in the gap.
15 cm² = _____ mm²

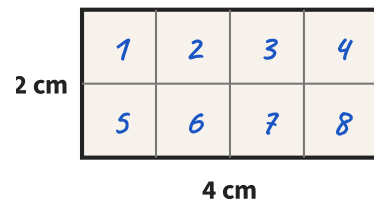


$$15 \times 100 = 1500$$

Answer 1500 mm²

14

A card is 4 cm long and 2 cm wide.
Find its area in mm².



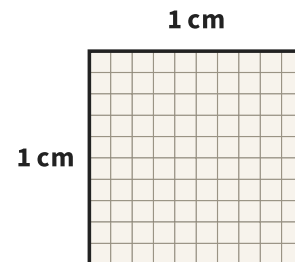
$$4 \times 2 = 8 \text{ cm}^2$$

$$8 \times 100 = 800$$

Answer 800 mm²

15

Put these in order, smallest first.
2 cm² 150 mm² 300 mm²

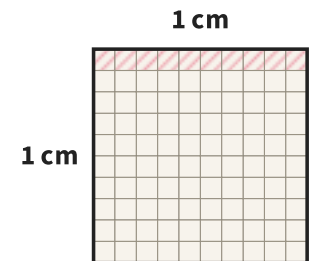


$$2 \text{ cm}^2 = 200 \text{ mm}^2$$

Order 150 mm², 2 cm², 300 mm²

16

Ben says 5 cm² = 50 mm².
What has he done wrong?



Ben has
only counted one row of 10.

Right answer 500 mm²