Length
and
Area

Area = _____ ■

Length of border = _____ cm
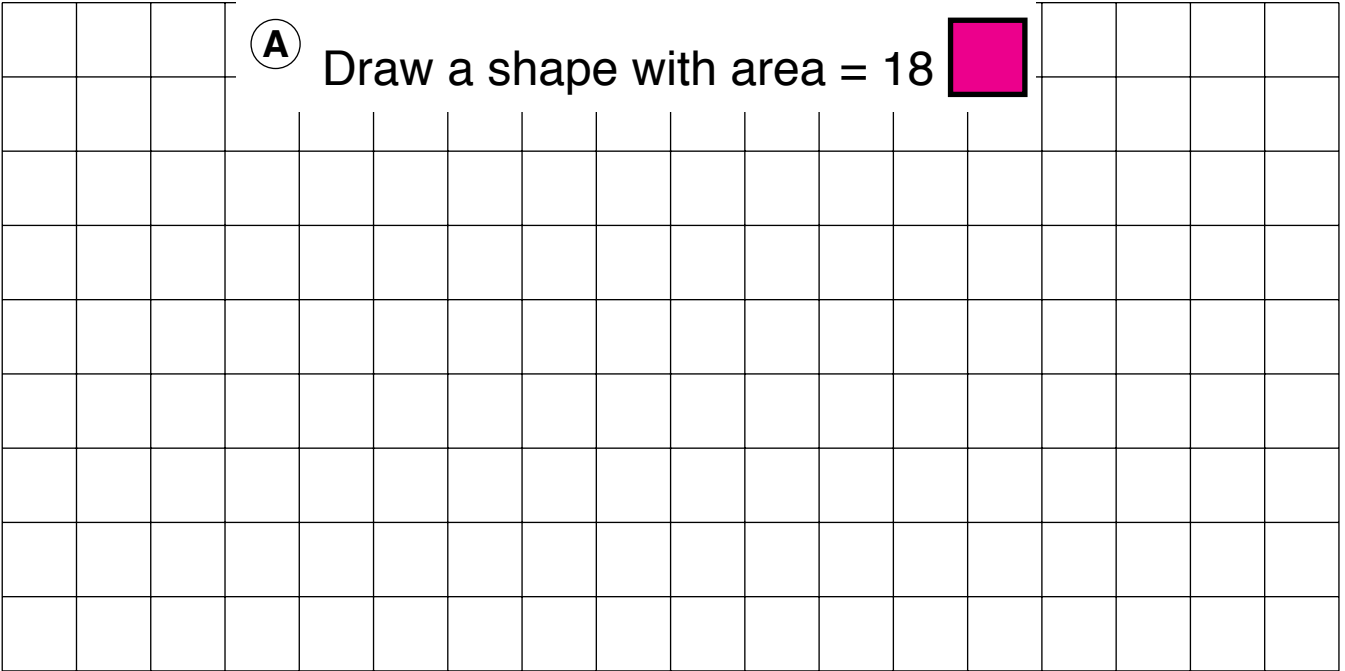
Area = _____ ■

Length of border = _____ cm

Area = _____ ▮

Length of border = _____ cm
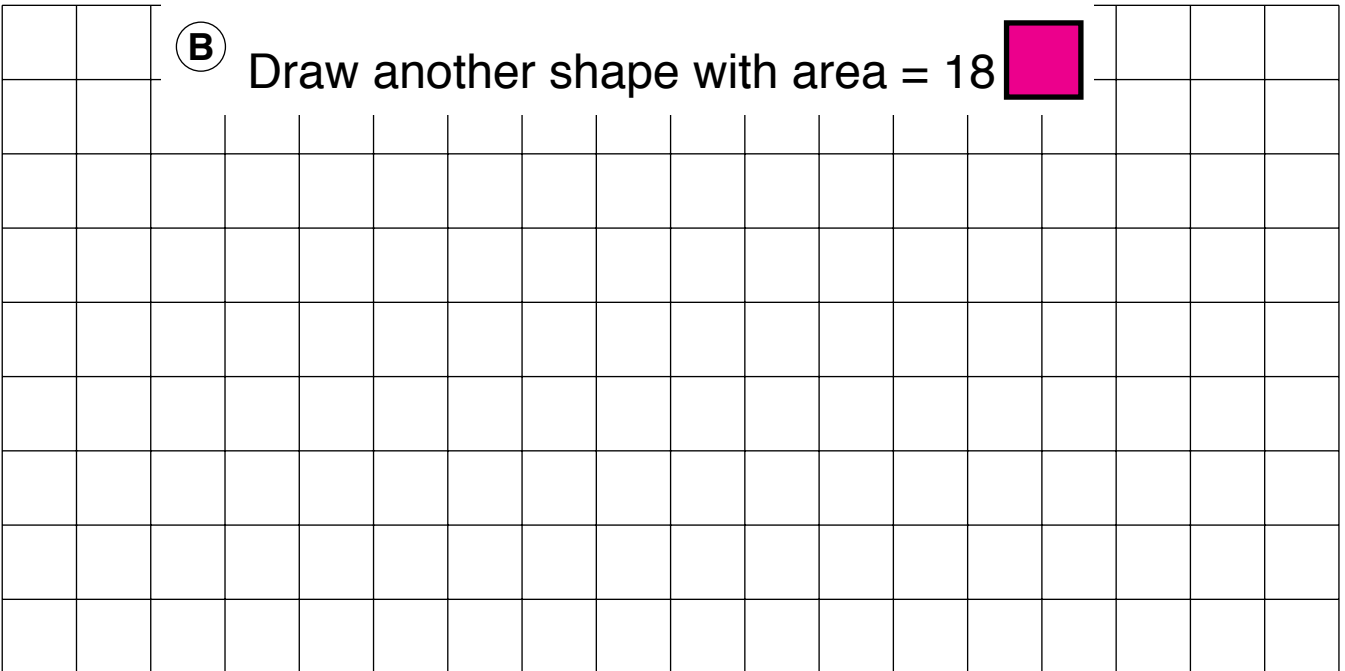
Area = _____ ▮

Length of border = _____ cm

3

Ⓐ Draw a shape with area = 18 ■

Outline the border in black.   Length of border = _____ cm

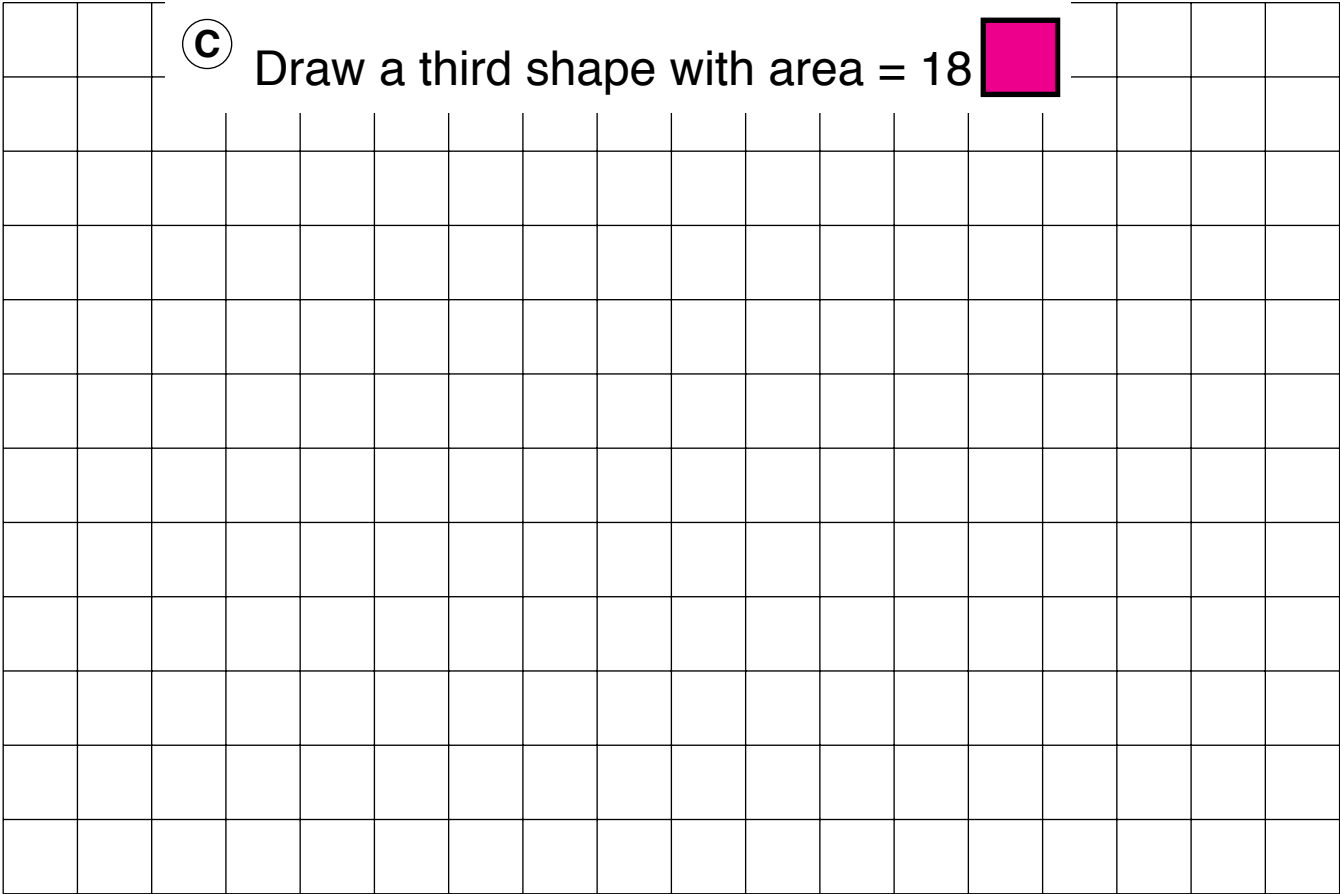Ⓑ Draw another shape with area = 18 ■

Outline the border in black.   Length of border = _____ cm

c Draw a third shape with area = 18 ▪

Outline the border in black.   Length of border = _____ cm

Look at your three shapes.

Circle your answers.

Which shape has the longest border?   A   B   C
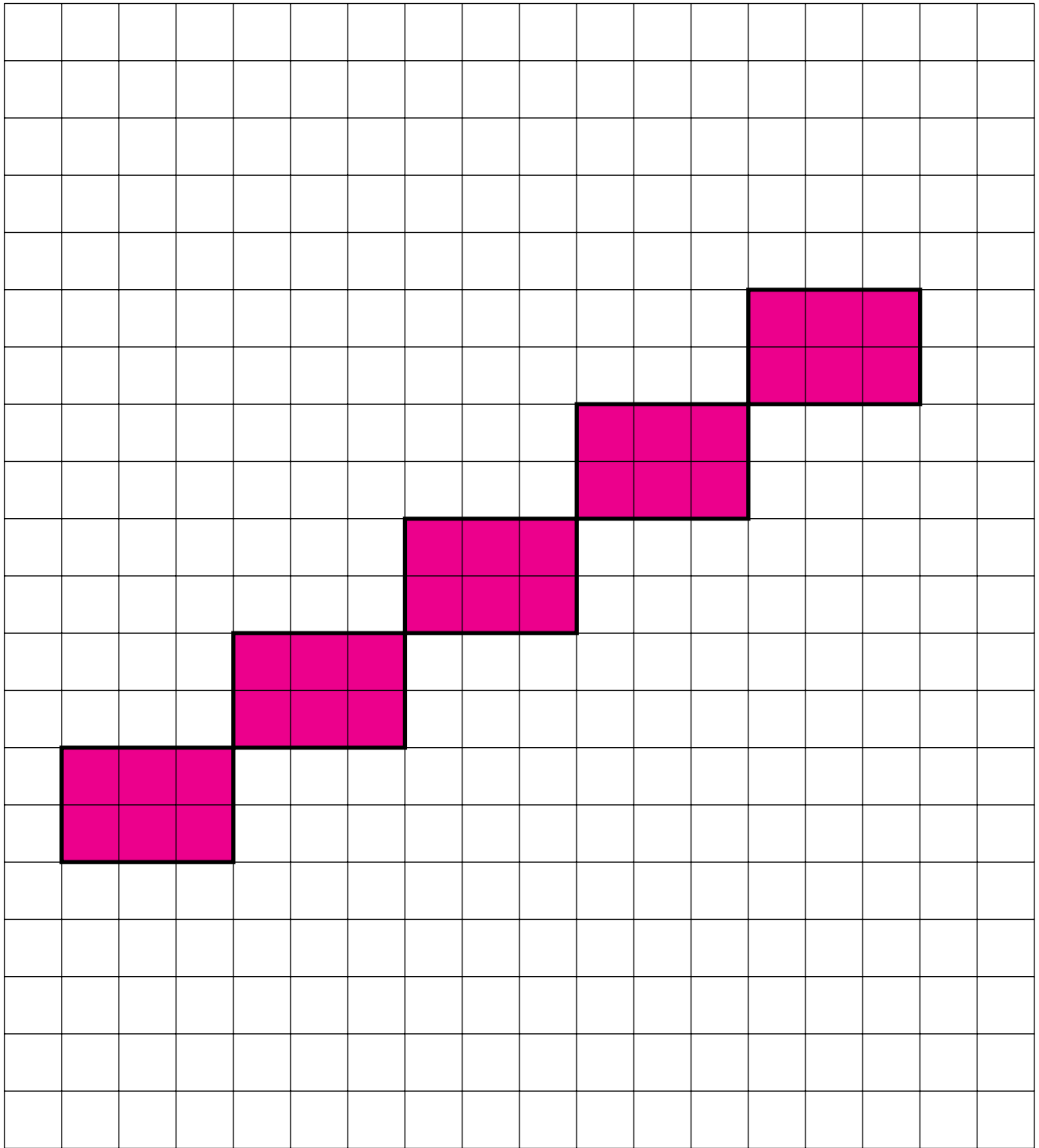
Which shape has the shortest border?   A   B   C

5

Area = _____

Length of border = _____ cm

Area = _____

Length of border = _____ cm

Area = _____   Length of border = _____ cm

Area = _____ ■

Length of border = _____ cm

Area = _____ ■

Length of border = _____ cm

Circle your answers.

Which shape has bigger area?   A   B

What shape has longer border?   A   B

Area = _____ ■

Length of border = _____ cm

Area = _____ ■

Length of border = _____ cm

Circle your answers.

Which shape has bigger area?   A   B

What shape has longer border?   A   B
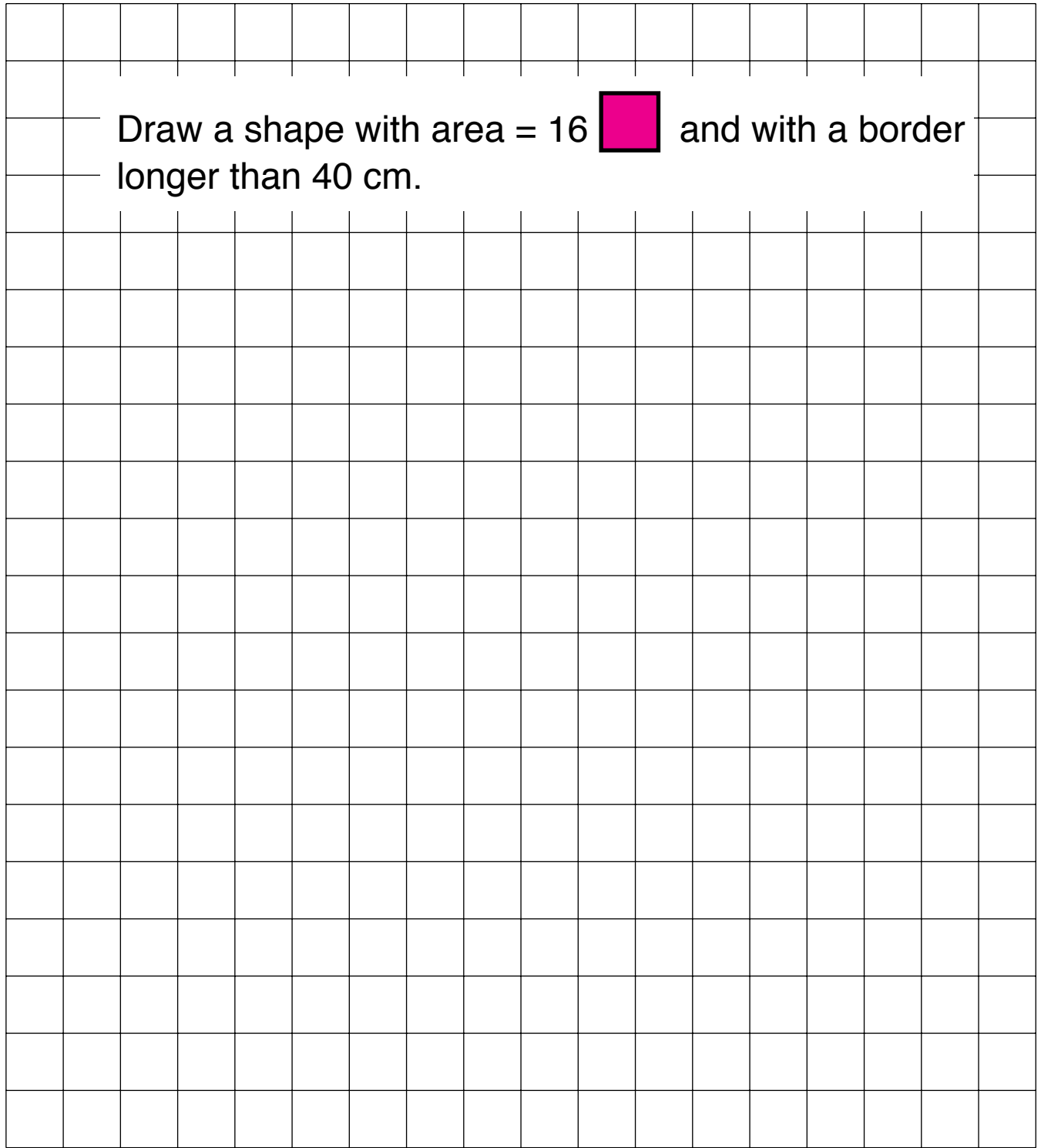
These shapes all have the same area.

What is the area? _____

Circle your answers.

Which shape has the longest border?　A　B　C　D　E

Which shape has the shortest border?　A　B　C　D　E

Draw a shape with area = 16 ■ and with a border longer than 40 cm.
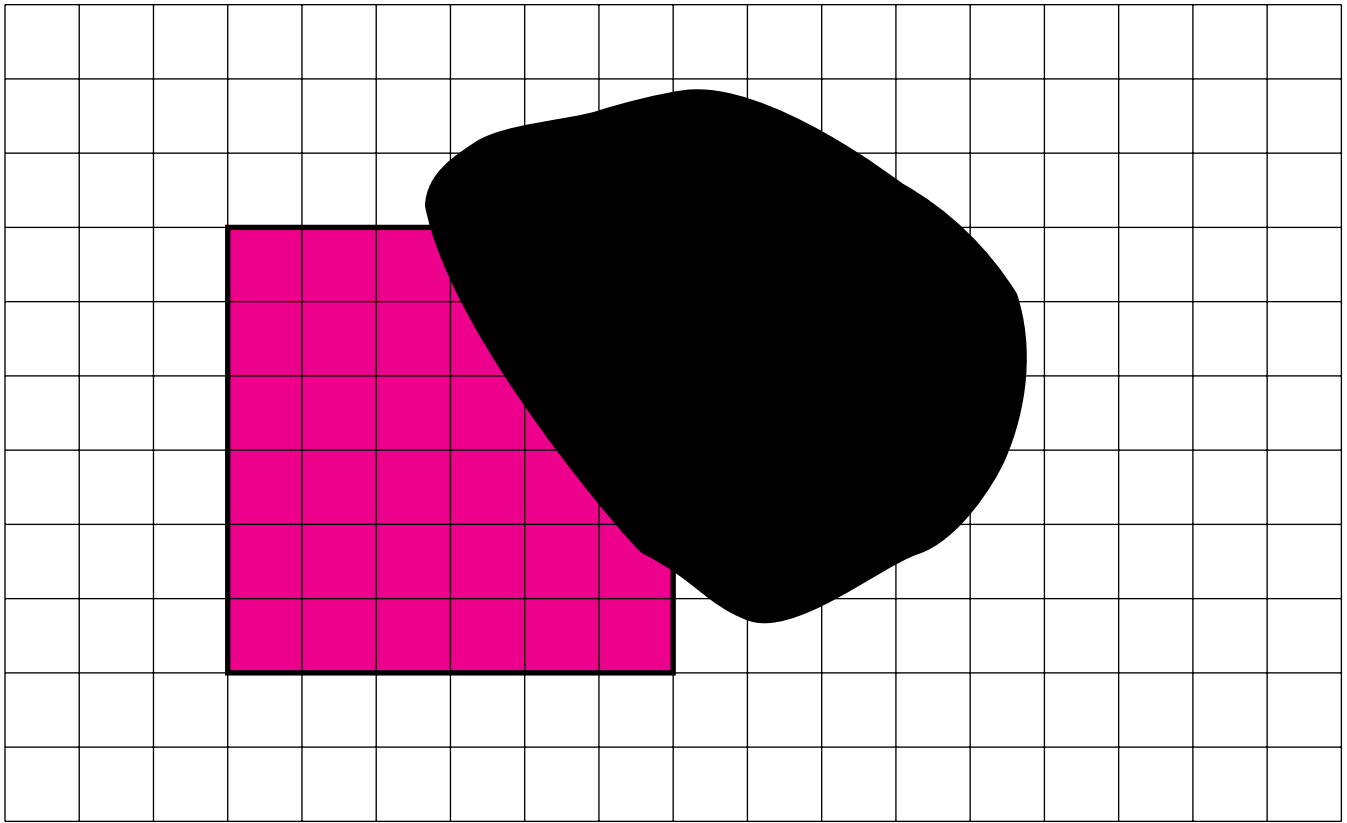
Outline the border in black.   Length of border = _____ cm

Draw a shape with area = 16 ▮ and with a border shorter than 25 cm.
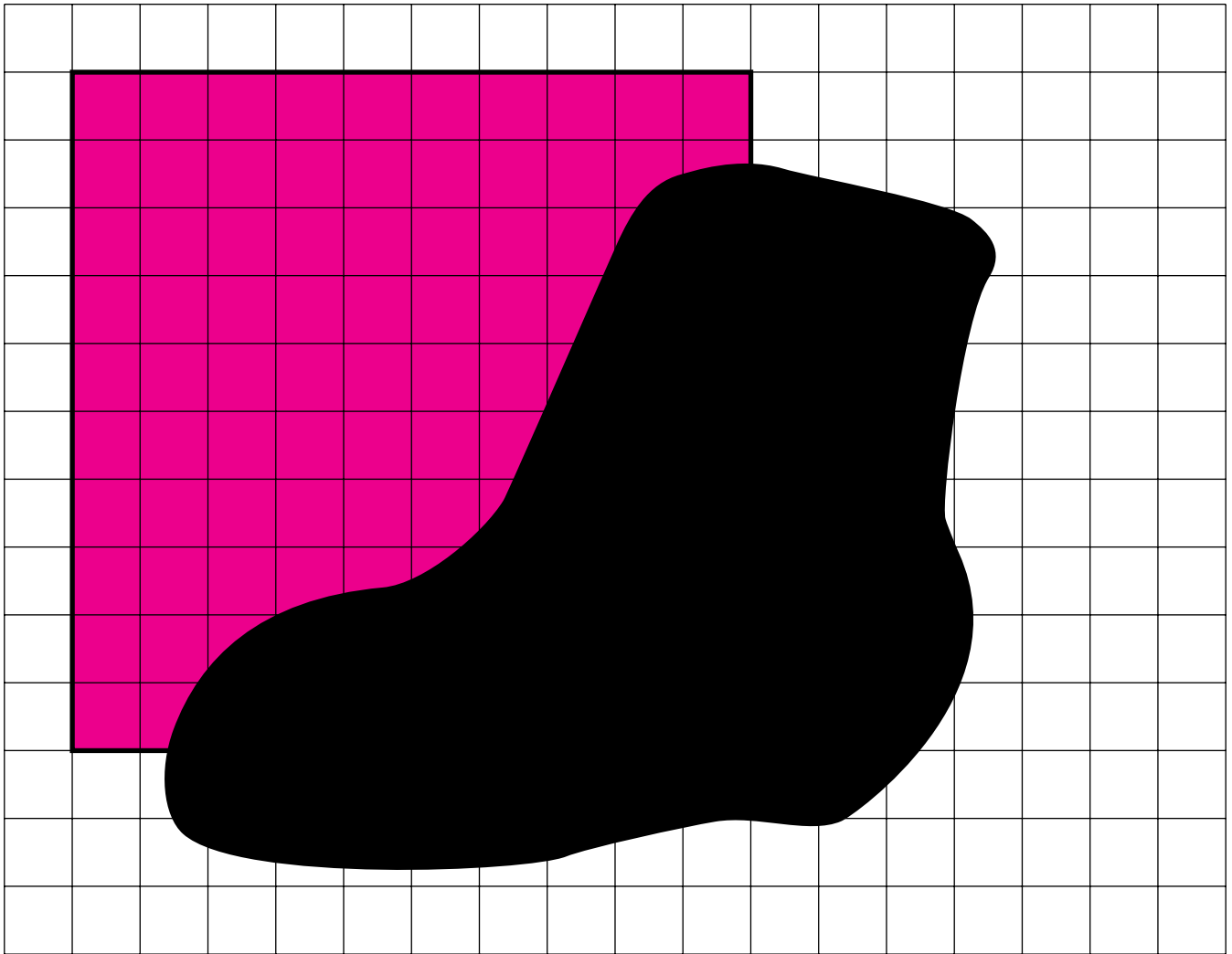
Outline the border in black.   Length of border = _____ cm

This shape is a square, but part of it is hidden.

What is the area? _____ ▧

What is the length of the border? _____ cm

This shape is a square, but again part of it is hidden.
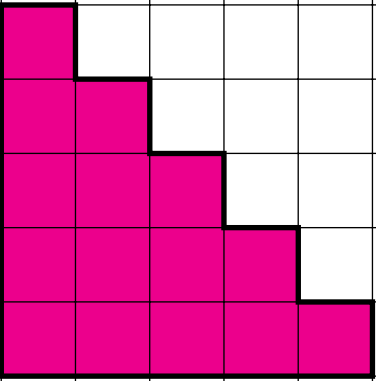
What is the area? _____

What is the length of the border? _____ cm

Area = _____

Length of border = _____ cm

Draw a shape with the same area but with a shorter border.

Draw a shape with the same area but with a longer border.

Area = _____

Length of border = _____ cm

Draw a shape with the same length border but with bigger area.

Draw a shape with the same length border but with smaller area.

15

Area = _____ ▪

Length of border = _____ cm

Area = _____ ▪

Length of border = _____ cm

16