Pro-Bot®

1 Programme the Pro-Bot to draw a square with sides 12cm.

Divide the square into 4 equal parts.

Shade ¼ of it blue.

What fraction is unshaded?

Now try to use the repeat function to draw the above shape in less steps.

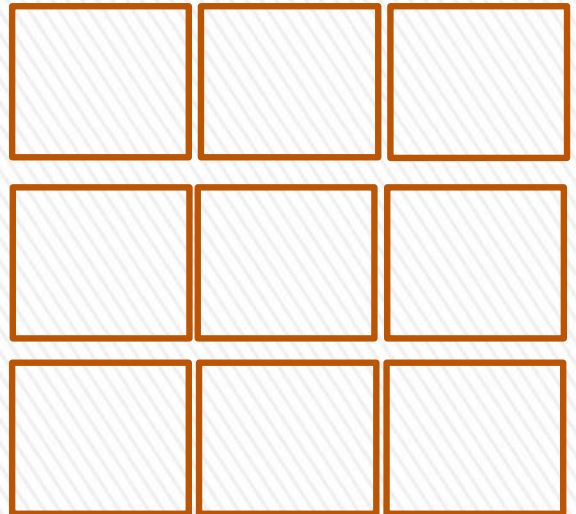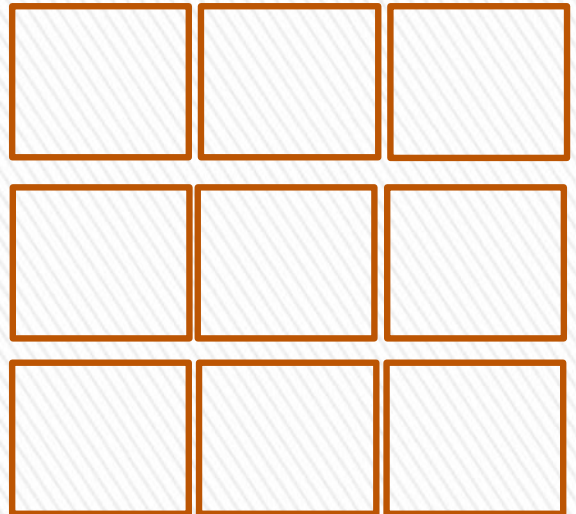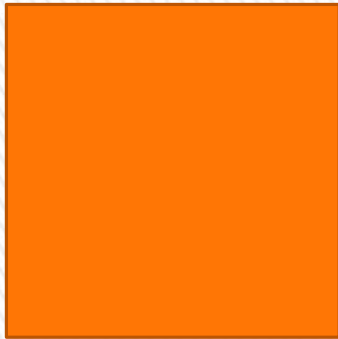**2** Programme the Pro-Bot to draw a square with sides 16 cm.

Divide the square into 8 equal parts.
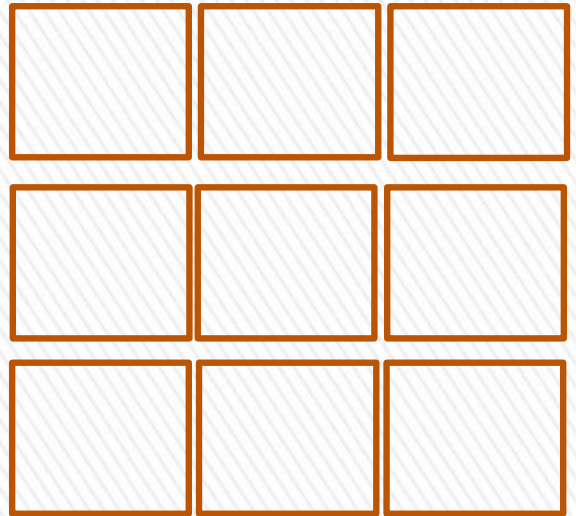
Shade ½ of it blue.

What fraction is unshaded?

Now try to use the repeat function to draw the above shape in less steps.

Pro-Bot

3

Programme the Pro-Bot to draw a rectangle.

4cm

8cm

Divide the rectangle into 8 equal parts.

Shade $\frac{3}{8}$ of it red.

What fraction is unshaded?

Now try to use the repeat function to draw the above shape in less steps.

YEAR 5

4 Programme the Pro-Bot to draw a rectangle.

8cm

10cm

Divide the rectangle into 8 equal parts.
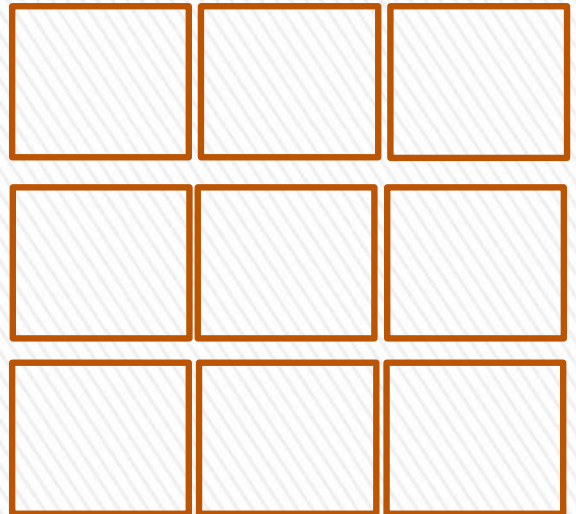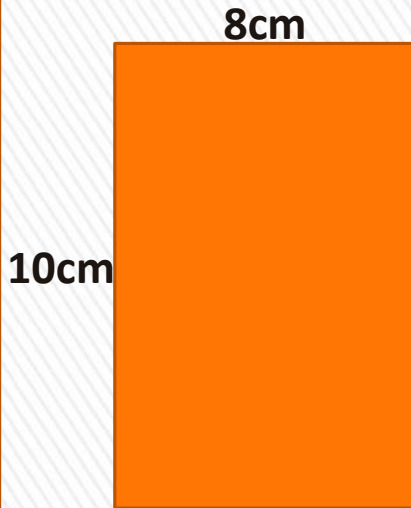
Shade ¾ of it yellow.

What fraction is unshaded?

Now try to use the repeat function to draw the above shape in less steps.

YEAR 5