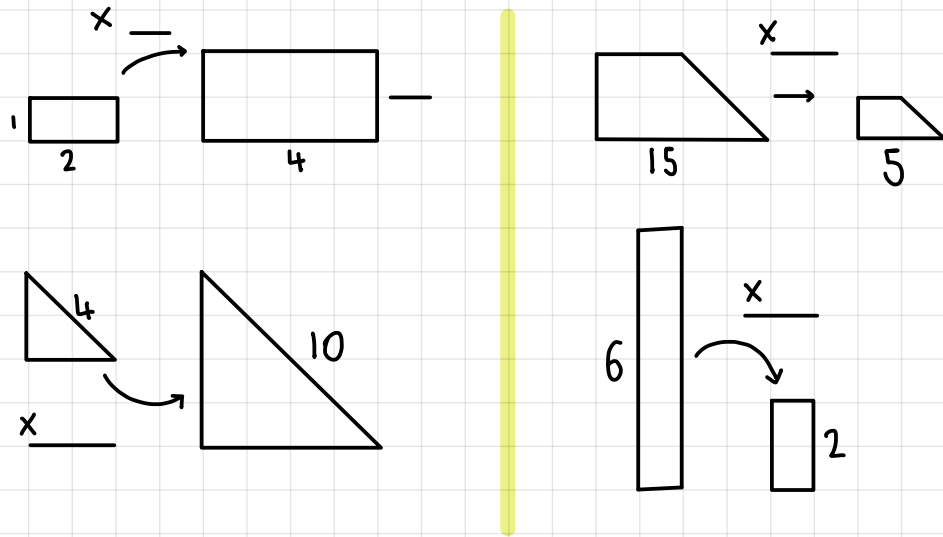


STEP 5: SIMILAR SHAPES



STEP 6: SCALE FACTORS

A rectangle has a width of 9cm and a height of 12cm. How would they change:

- a) scale factor 2 _____ _____
- b) scale factor 3 _____ _____
- c) scale factor 4 _____ _____
- d) scale factor $\frac{1}{3}$ _____ _____
- e) scale factor $\frac{2}{3}$ _____ _____

STEP 7: SCALE DIAGRAMS

Each square is worth 5cm.

Draw a rectangle 10cm x 15cm
 25cm x 30cm

STEP 8: SCALE FACTORS AND RATIO

Match the scale to the ratio:

1cm represents 5cm 1:3

1cm represents 20cm 1:5

2cm represents 60cm 1:10

10cm represents 100cm 1:20