Date: _____

Practice 1 **Identifying symmetrical shapes**

1 Some of the following are symmetrical shapes. Identify which shapes are symmetrical. Then fill in the space.
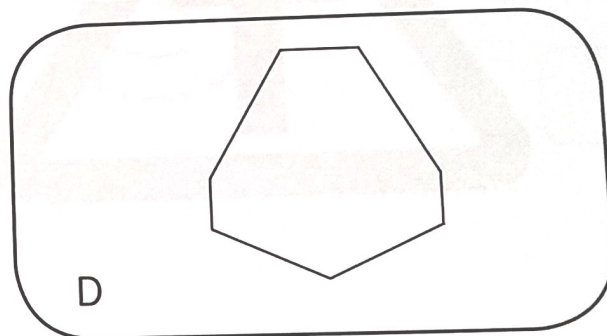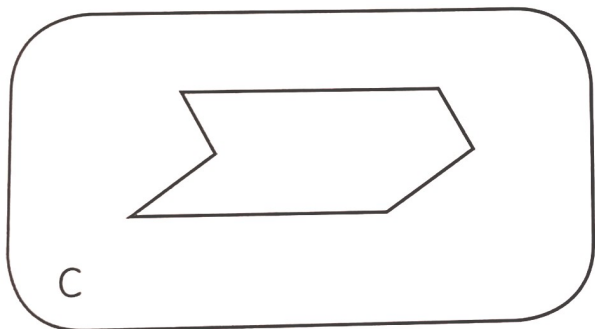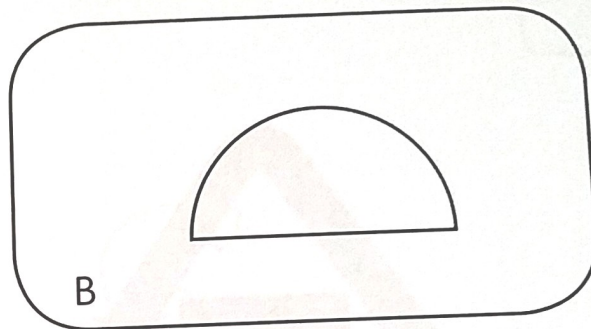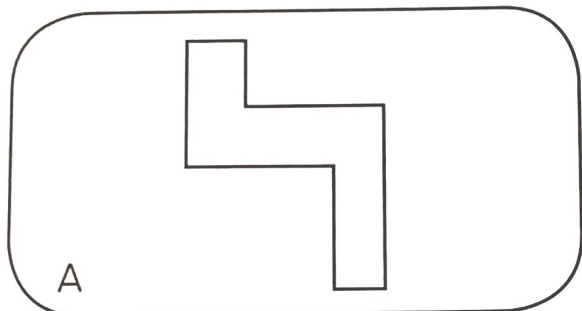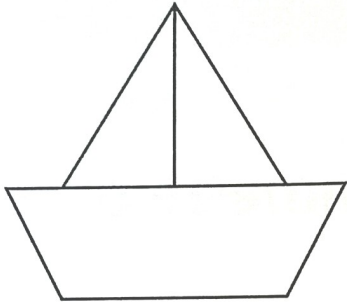
A
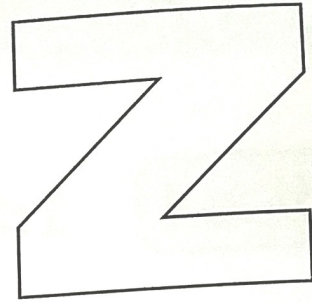
B

C

D

E

F
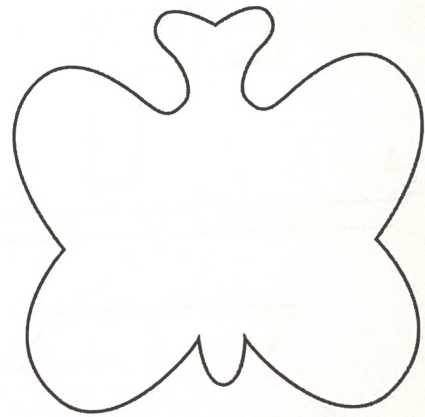
G

H
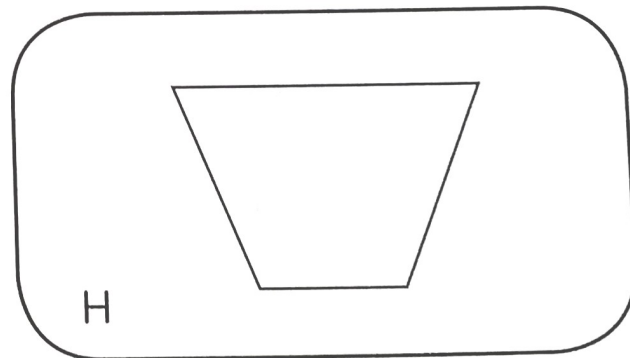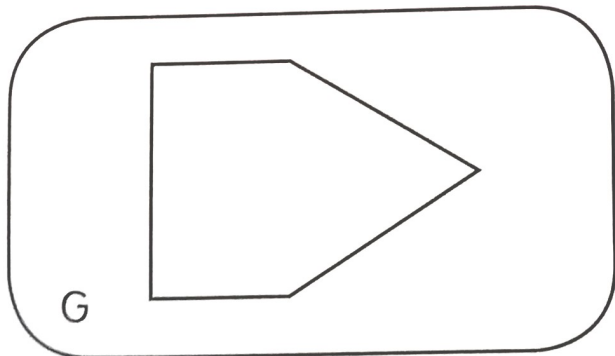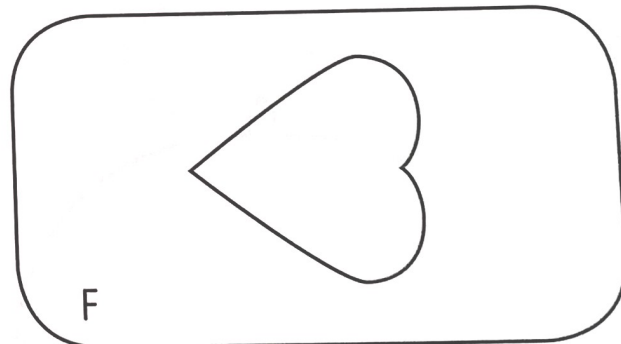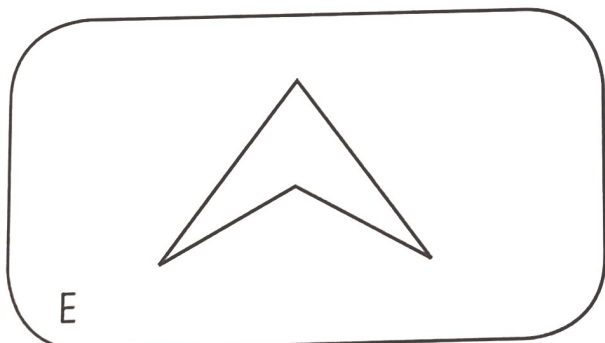
Shapes _____ are symmetrical.
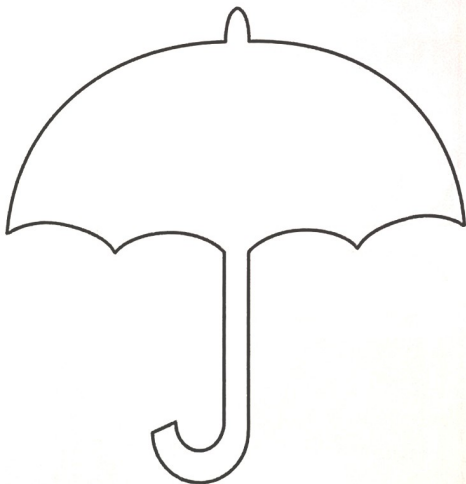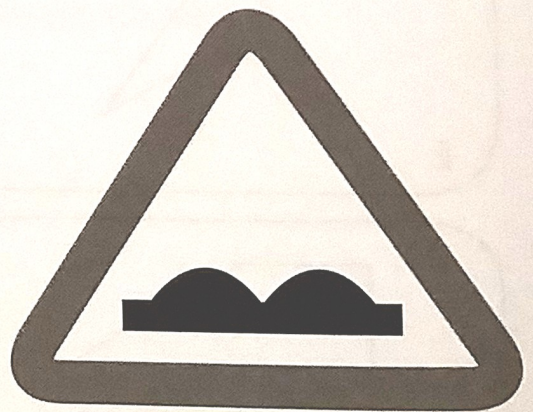
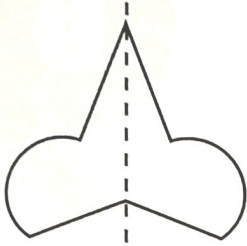**2** Which of these are symmetrical shapes?
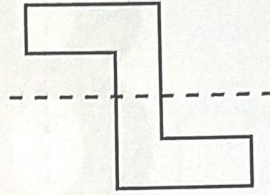
a

b

c

d

e

f

Shapes _____ are symmetrical.

Identifying lines of symmetry

1 Is the dotted line in each shape a line of symmetry? Write **Yes** or **No** in the spaces provided.

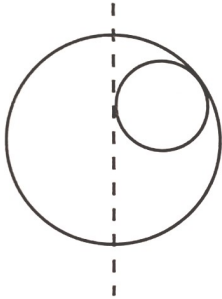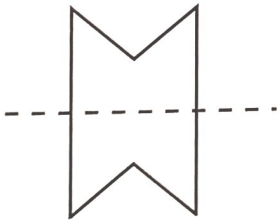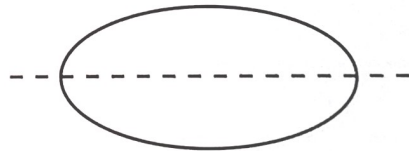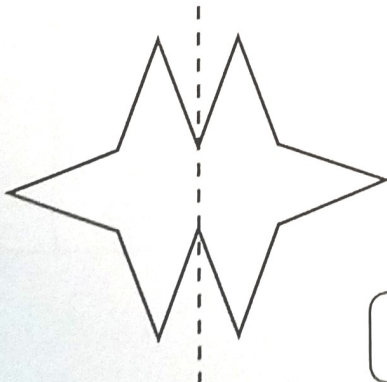**a**

b
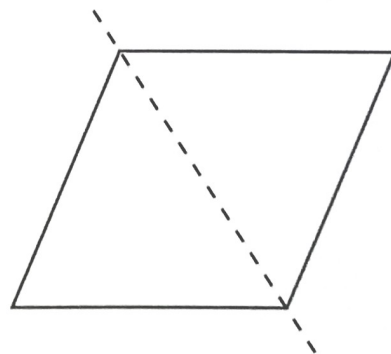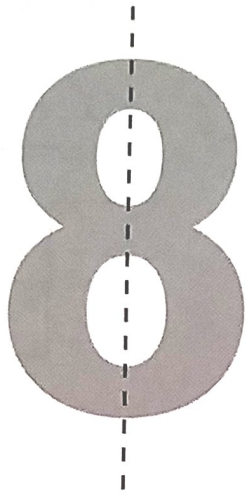
c

d

e

f

g

h

2 Is the dotted line in each number a line of symmetry? Write **Yes** or **No** in the spaces provided.

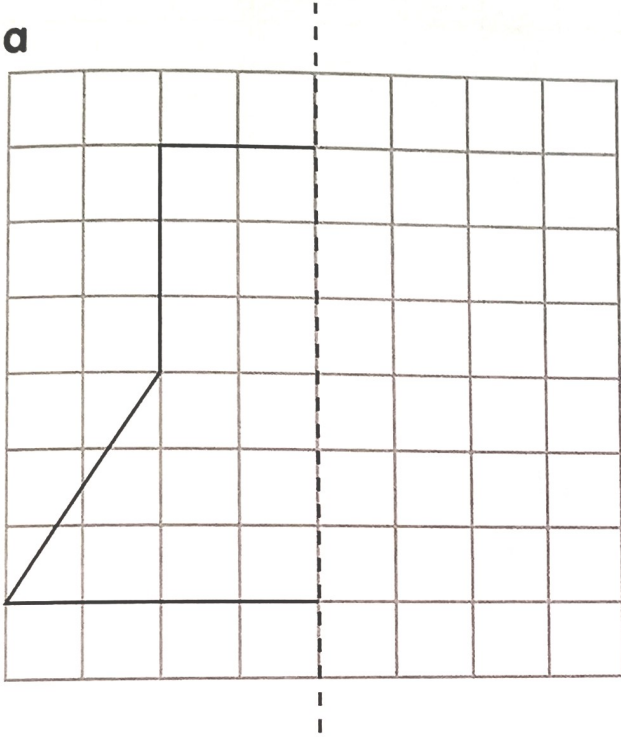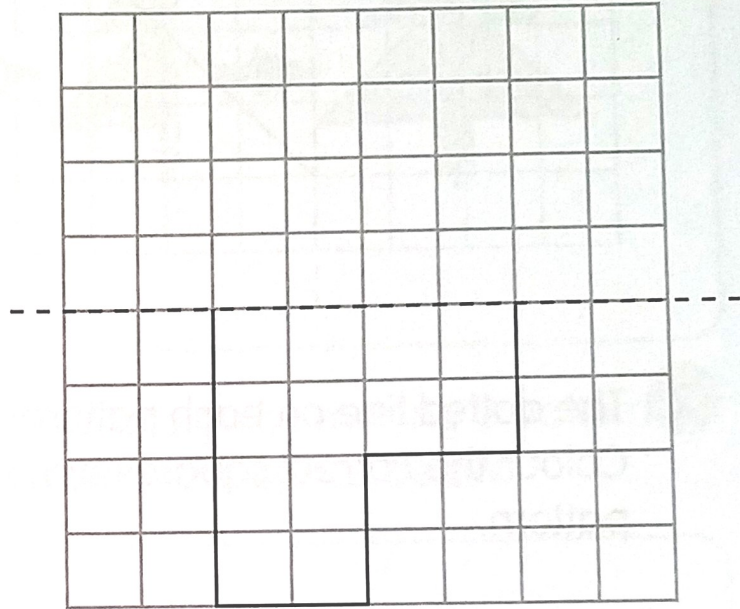1   8   1   9

_____   _____   _____   _____
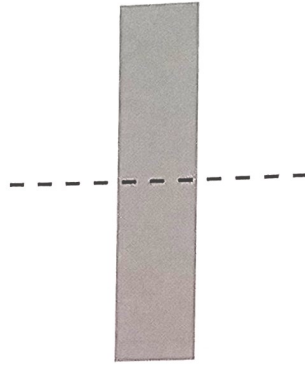
Making symmetrical shapes and patterns

1. Each shape is half of a symmetrical shape. Complete each symmetrical shape with the dotted line as a line of symmetry.
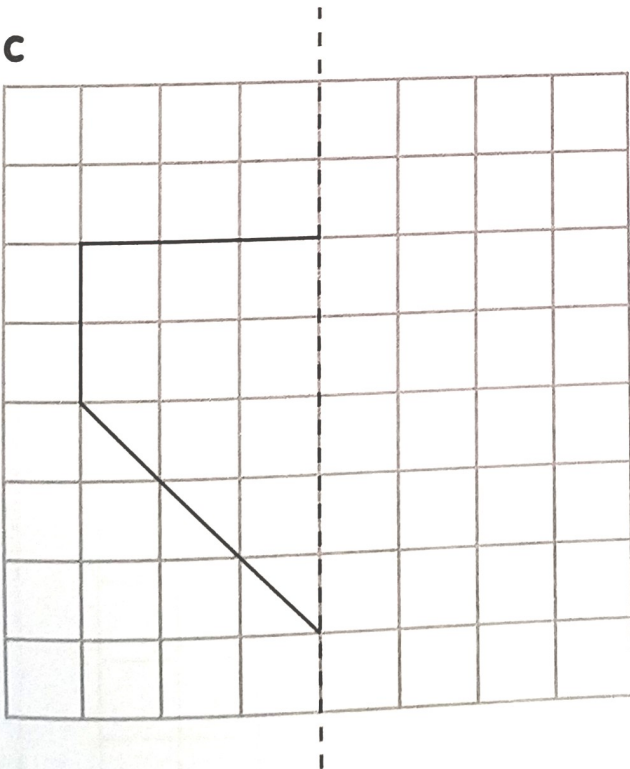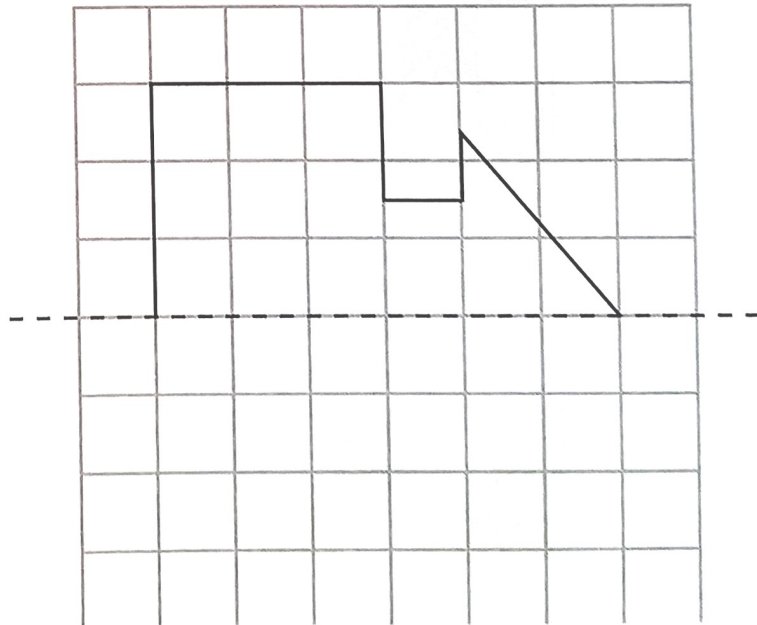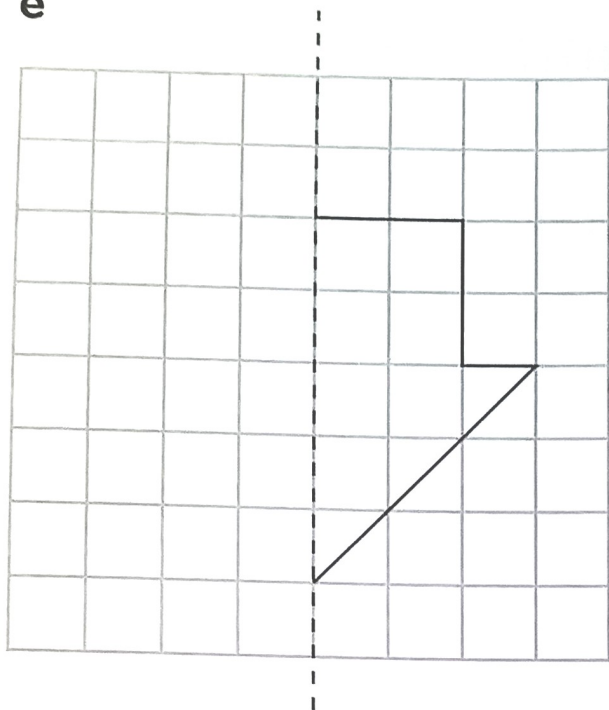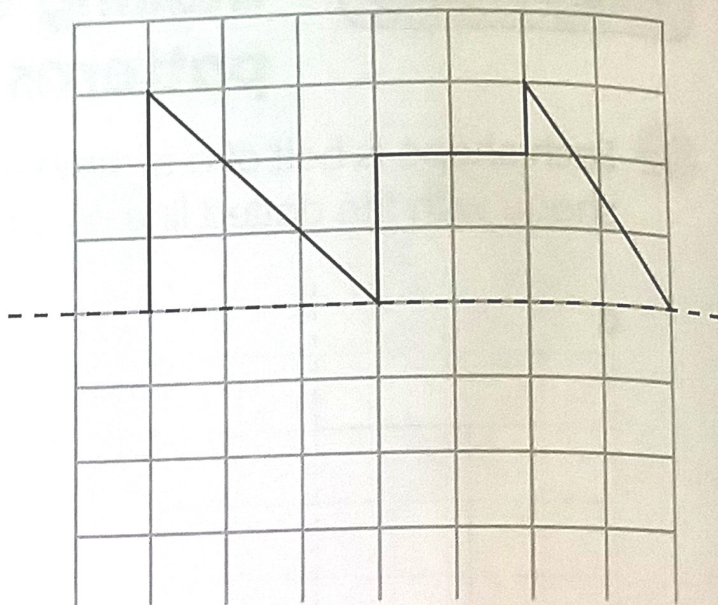
a

b

c

d

e

f

2 The dotted line on each pattern is a line of symmetry.
Colour the correct squares or half-squares to make each a symmetrical
pattern.

a
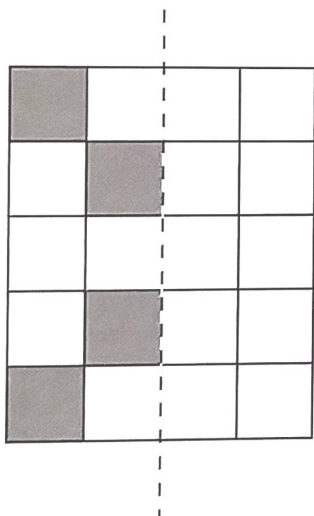
b
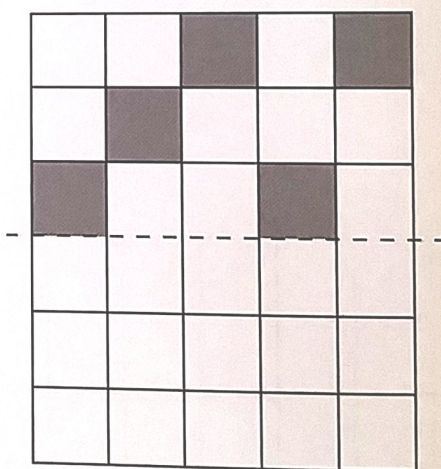
c
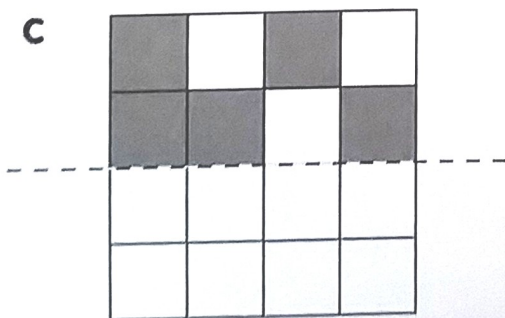
d
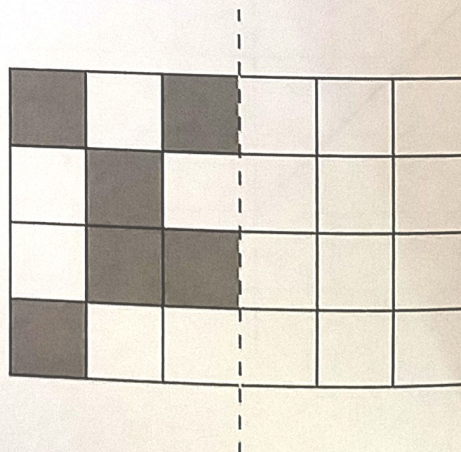
3 Make a symmetrical shape by folding a piece of paper in half and making a cut from one point on the fold line to another point on it.

Example

Make ten sets of your shape and create a design by making a pattern with the shapes. Draw or stick your pattern in the space below.

Maths Journal

1 Fill in the spaces using the words below.

equal	halves	divides	line

The dotted line is a line of symmetry of the shape because:

a it _____ the shape into two _____ parts.

b when the shape is folded along the _____, the _____ fit exactly.

2

Explain why the dotted line is the line of symmetry for the shape.
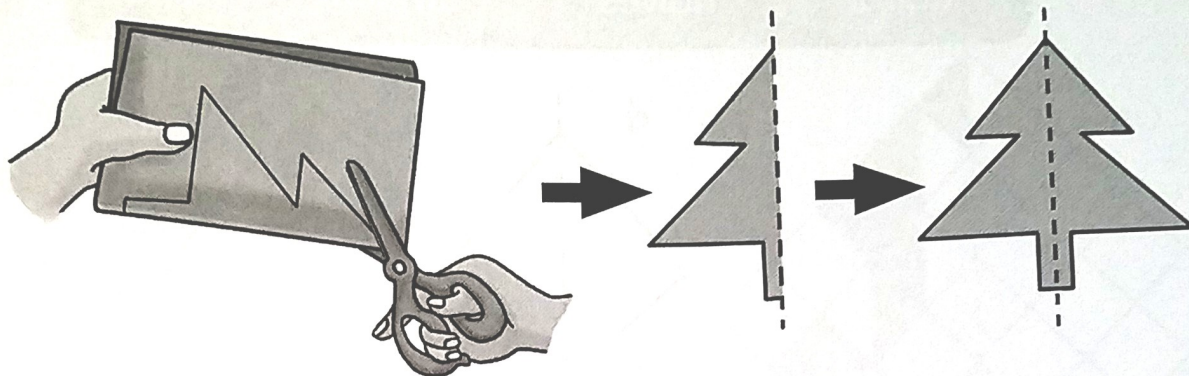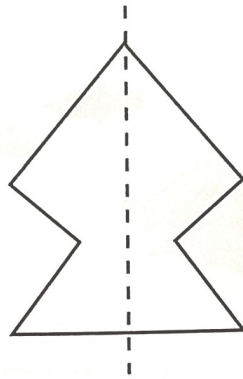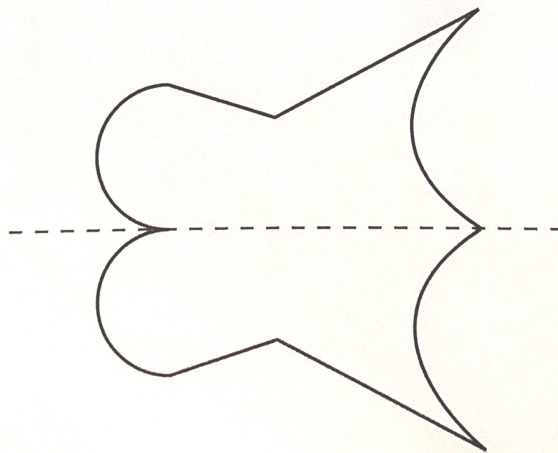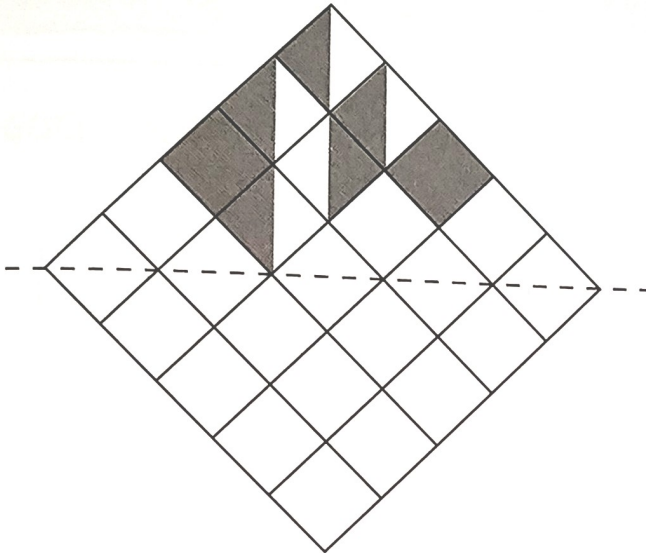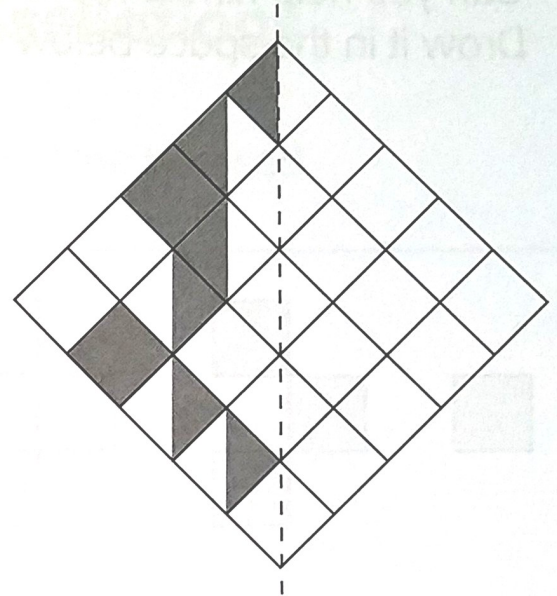
a _____

b _____

Challenging Practice

1 The dotted line is a line of symmetry.
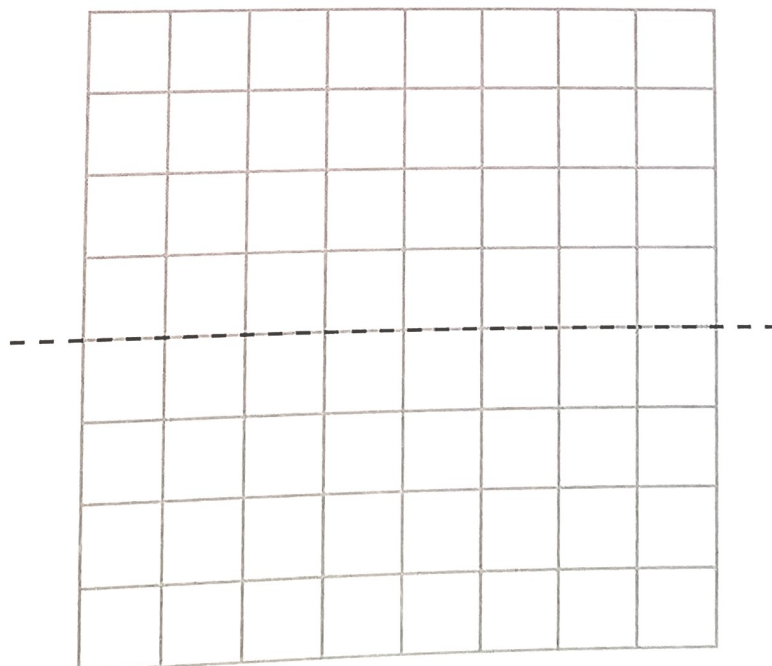   Colour the correct squares or half-squares to make a symmetrical
   pattern.

a

b

2 In the square grid below, design a symmetrical pattern with the dotted
   line as the line of symmetry.
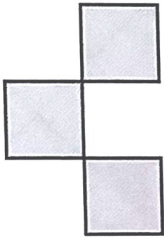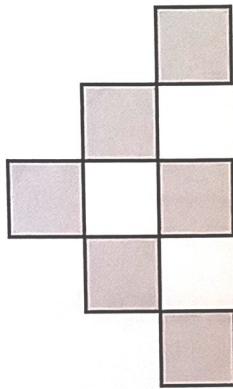
Problem Solving

1 Peter is making a pattern of symmetrical shapes.
He has made three of them.
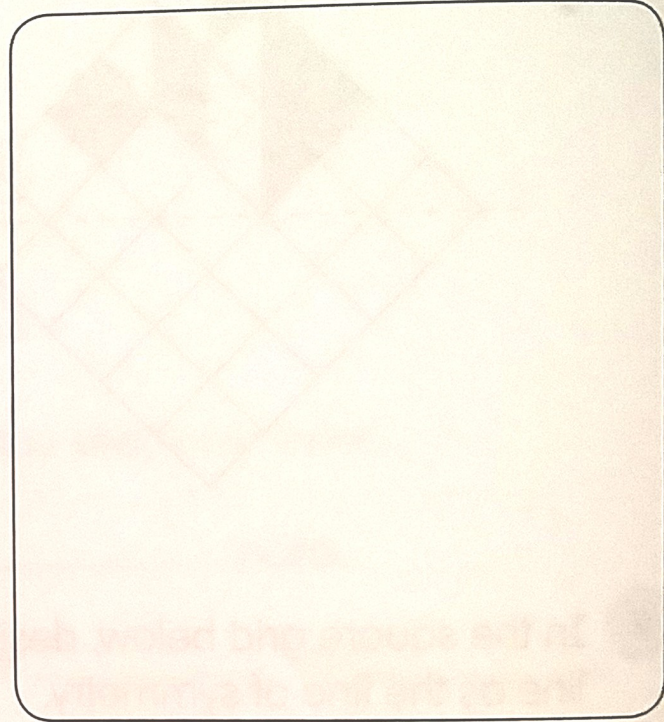Can you help him to make the 4th one?
Draw it in the space below.

Ist   2nd   3rd   4th