

## Reasoning — Shapes, always or sometimes

Name: \_\_\_\_\_

Date: \_\_\_\_\_



Read each question and write what you work out.

1 Every rhombus is a parallelogram.

**always**

sometimes

never

Why? There is no counter-example, and here is why: four equal sides force both pairs of opposite sides to be parallel

2 Every parallelogram is a four-sided shape.

always

sometimes

never

Why? .....

3 Every rectangle is a square.

always

sometimes

never

Why? .....

4 Every parallelogram is a rectangle.

always

sometimes

never

Why? .....



## Reasoning · Shapes, always or sometimes — Answer key



1. Every rhombus is a  
parallelogram. → always

2. Every parallelogram is a  
four-sided shape. → always

3. Every rectangle is a  
square. → sometimes

4. Every parallelogram is a  
rectangle. → sometimes