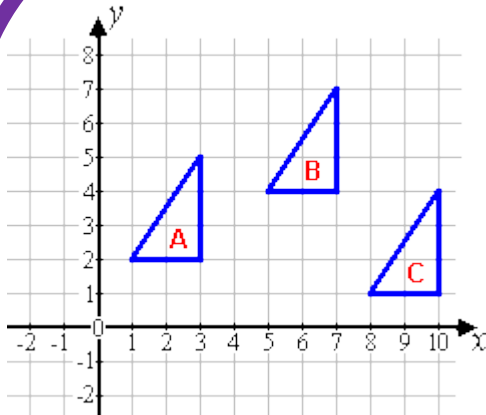
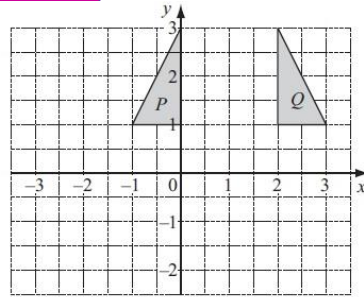


Transformations



Describe the transformation from

- A to B
- B to C
- C to A



Describe the transformation from P to Q.

Time

Hartlepool	08:12	09:38	10:47	11:34
Billingham	08:48	10:09	11:14	12:02
Stockton	09:03	10:24	11:26	12:29
Yarm	09:27	10:46	11:51	12:57
Middlesbrough	10:04	11:12	12:19	13:23

Timetable showing buses from Hartlepool to Middlesbrough.

- If I want to arrive in Yarm for 10:50, which bus do I need to catch from Billingham?
- If I get the 10:24 bus from Stockton to Middlesbrough, how long does the journey take?
- Is it quicker to travel from Hartlepool to Yarm on the 9:38 bus or the 10:47 bus?

Ingredients for 8 people

120g Flour

80g butter

40g sugar

$\frac{1}{2}$ egg

Proportion

a) How much flour do I need for 24 people?

b) How many eggs do I need for 32 people?

c) How much butter will I need for 12 people?

d) What quantities of ingredients will I need for 20 people?

Ratio

Simplify the ratio **18:30:15**

Share **£45** in the ratio **4:5**

Donna and Millie share **150** sweets in the ratio **3:7**. How many sweets does **Millie** get?

