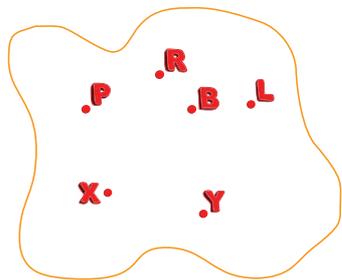


Year 5 Class 24 questions

Q1

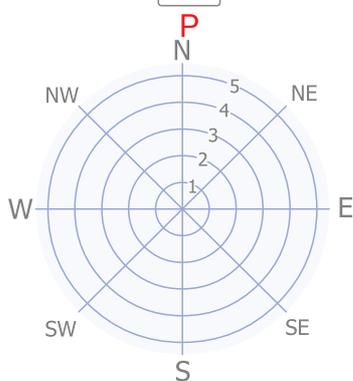
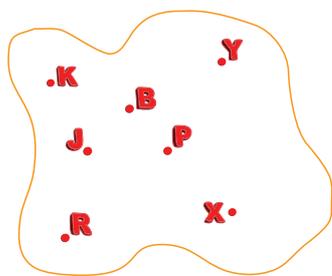
What is the direction from X to B?



- North-west
- North-east
- South-west
- South-east

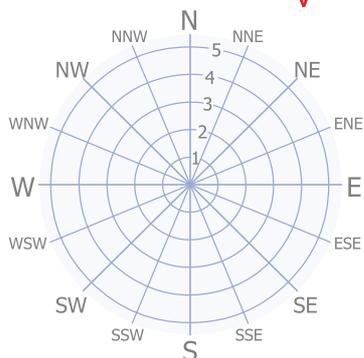
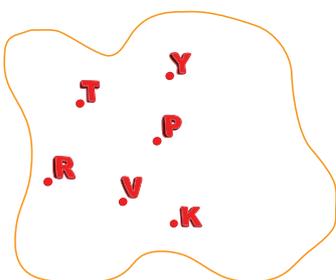
Q2

From J, which point is 3 km E?



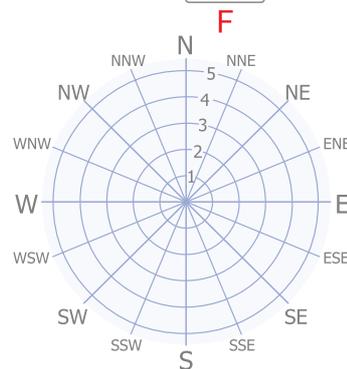
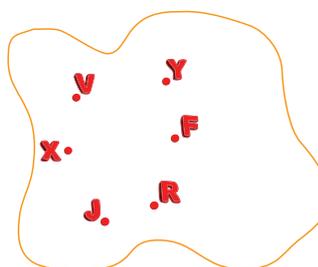
Q3

From K, which point is 2 km WNW?



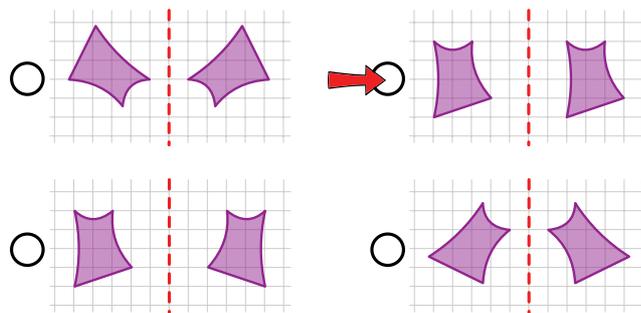
Q4

From V, which point is 4 km ESE?



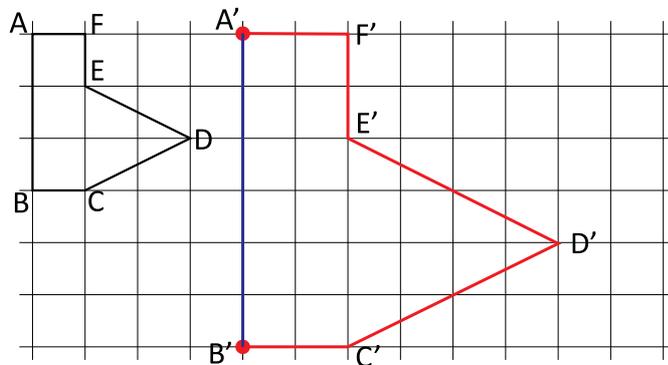
Q5

Which image does NOT show a reflection in the line?



Q6

Enlarge this shape by a scale factor of 2 by choosing each new vertex. A' and B' are already done for you.



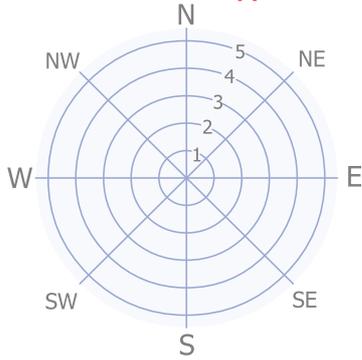
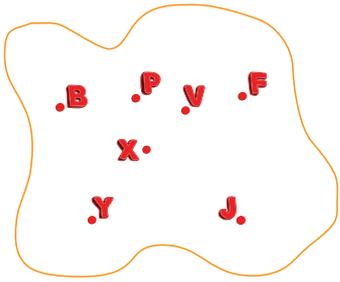
The new shape's area is

- double the original area
- more than double the original area

Q7

From V, which point is 2 km SW?

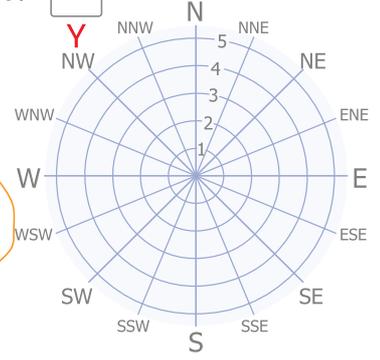
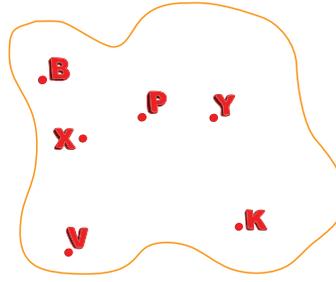
X



Q10

Start at X. Go 3 km SSE, then 5 km NE. Where do you finish?

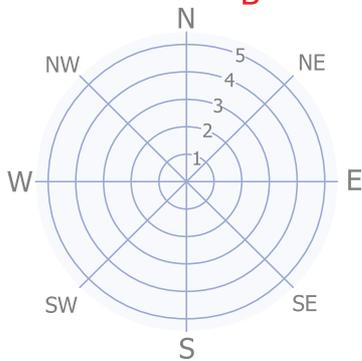
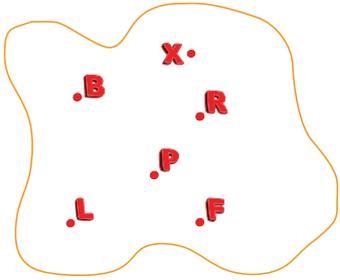
Y



Q8

From P, which point is 4 km NW?

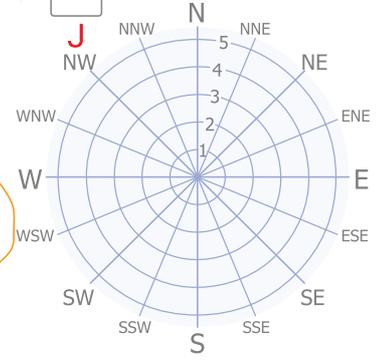
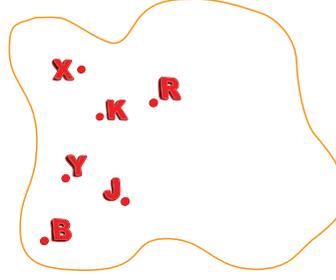
B



Q11

Start at R. Go 2 km ESE, then 4 km SW. Where do you finish?

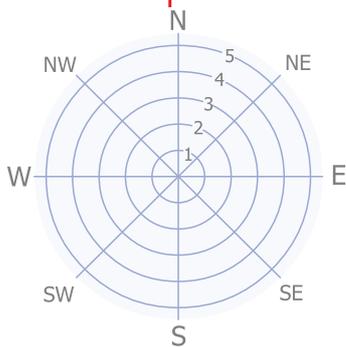
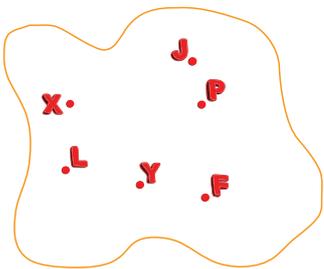
J



Q9

From X, which point is 5 km E?

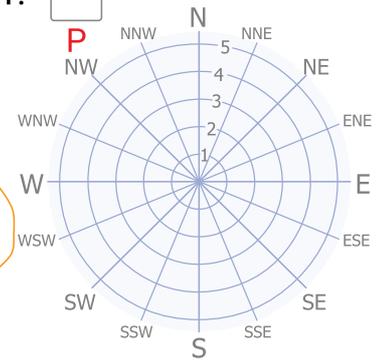
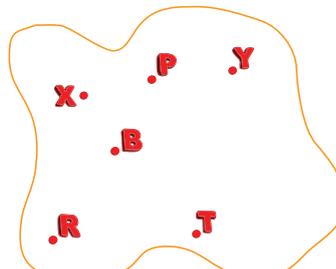
P

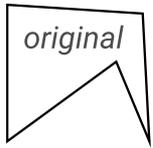


Q12

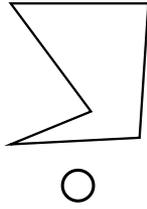
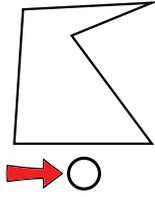
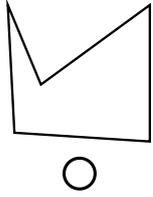
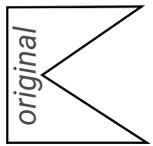
Start at T. Go 3 km NNE, then 4 km NW. Where do you finish?

P

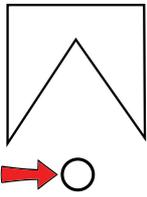
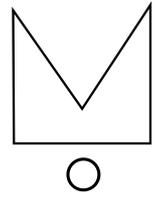
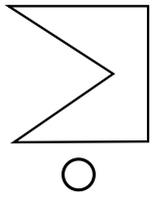


Q13

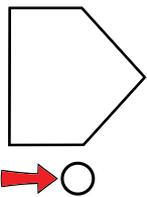
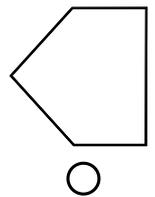
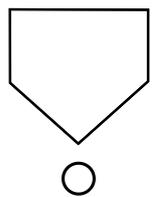
Choose the image showing a 90° anti-clockwise rotation of the original shape.

**Q14**

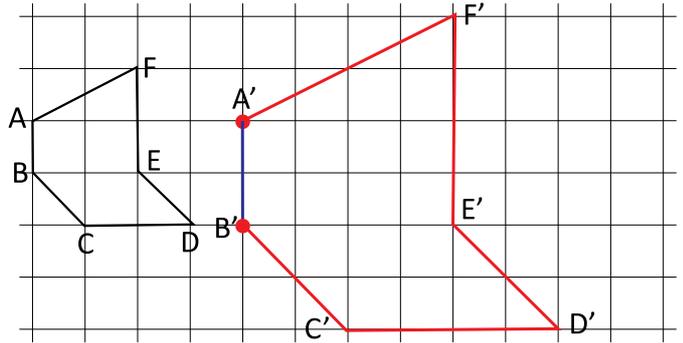
Choose the image showing a 90° clockwise rotation of the original shape.

**Q15**

Choose the image showing a 90° clockwise rotation of the original shape.

**Q16**

Enlarge this shape by a scale factor of 2 by choosing each new vertex. A' and B' are already done for you.



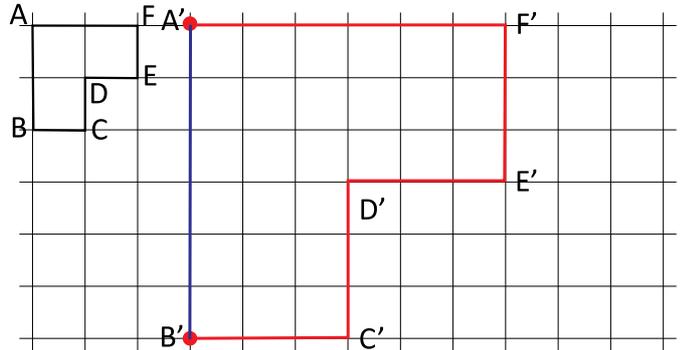
The new shape's area is

double the original area

more than double the original area

Q17

Enlarge this shape by a scale factor of 3 by choosing each new vertex. A' and B' are already done for you.



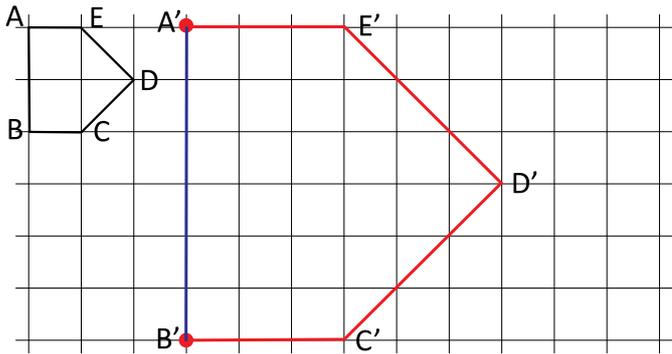
The new shape's area is

triple the original area

more than triple the original area

Q18

Enlarge this shape by a scale factor of 3 by choosing each new vertex. A' and B' are already done for you.



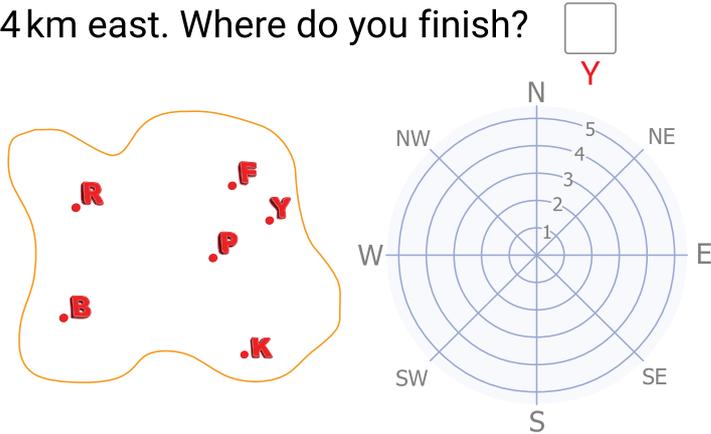
The new shape's area is

triple the original area

more than triple the original area

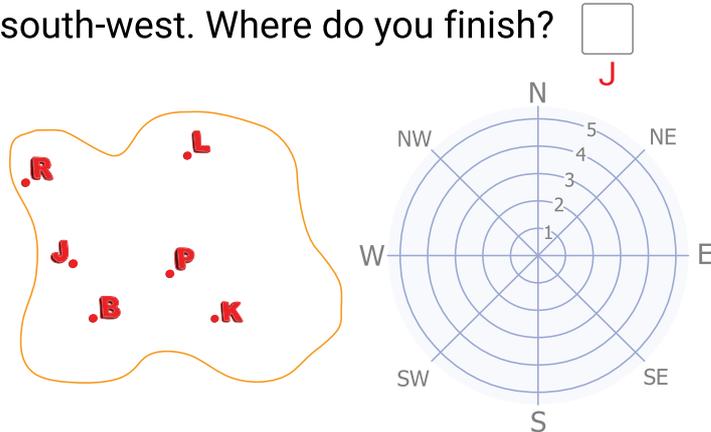
Q19

Start at B. Go 5 km north-east, then 4 km east. Where do you finish?



Q20

Start at P. Go 4 km north, then 5 km south-west. Where do you finish?



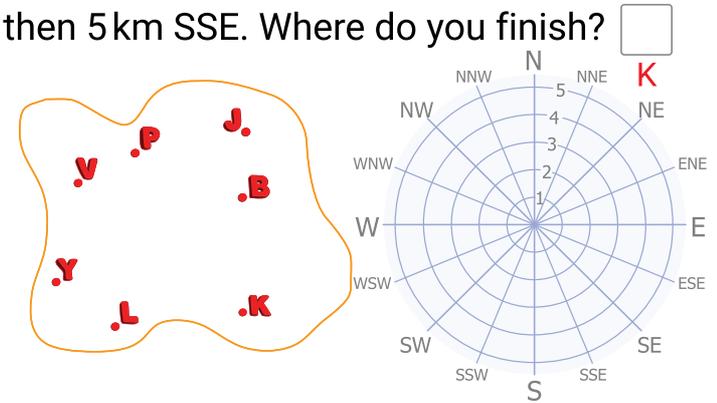
Q21

Start at X. Go 4 km east, then 3 km north-west. Where do you finish?



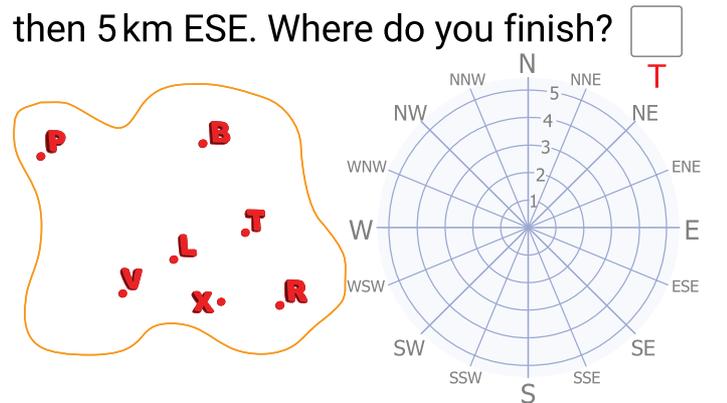
Q22

Start at V. Go 4 km SE, then 3 km NNE, then 5 km SSE. Where do you finish?



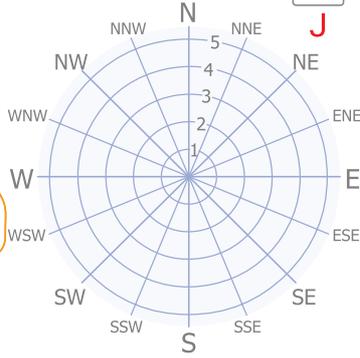
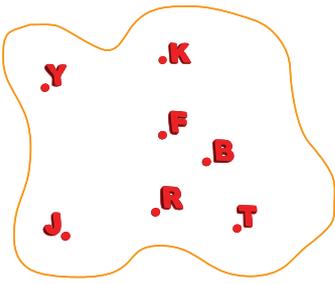
Q23

Start at V. Go 2 km NW, then 3 km NNE, then 5 km ESE. Where do you finish?



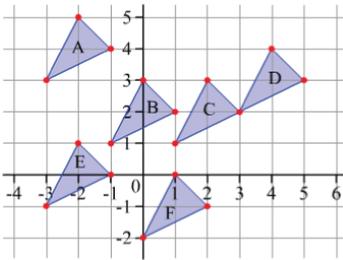
Q24

Start at K. Go 4 km SW, then 3 km SSE, then 2 km WSW. Where do you finish?



Q25

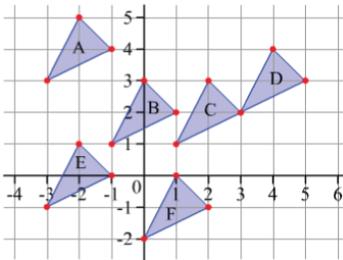
Which translation maps C to D?



- 2 left
- 3 left, 4 up
- 3 left, 1 down
- 2 right, 1 up

Q26

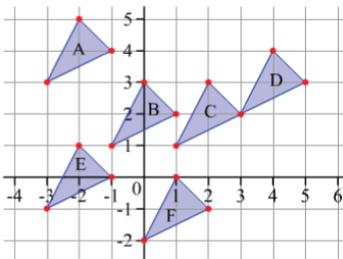
Which translation maps C to E?



- 4 left, 2 down
- 4 left, 2 up
- 1 left, 3 down
- 2 right, 1 up

Q27

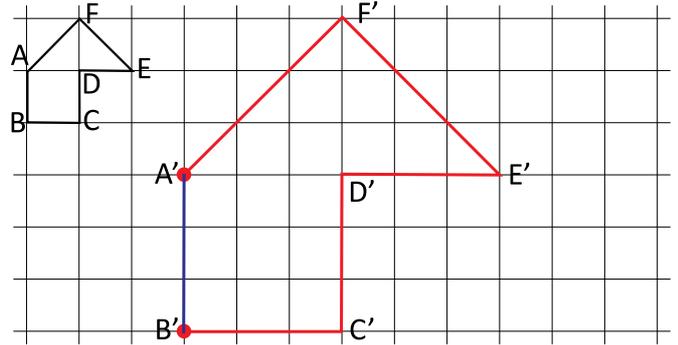
Which translation maps F to E?



- 1 left, 3 up
- 2 left, 3 down
- 3 left, 1 up
- 1 right, 3 up

Q28

Enlarge this shape by a scale factor of 3 by choosing each new vertex. A' and B' are already done for you.

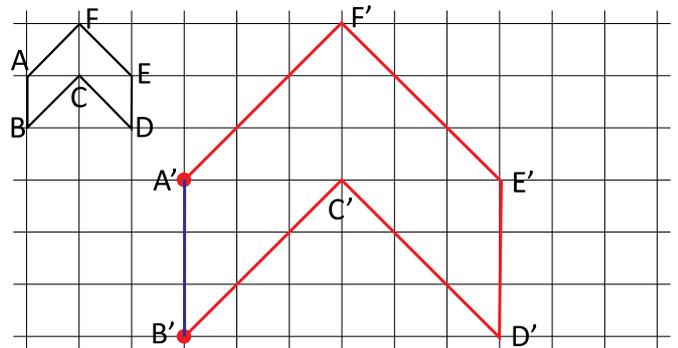


The new shape's area is

- triple the original area
- more than triple the original area

Q29

Enlarge this shape by a scale factor of 3 by choosing each new vertex. A' and B' are already done for you.

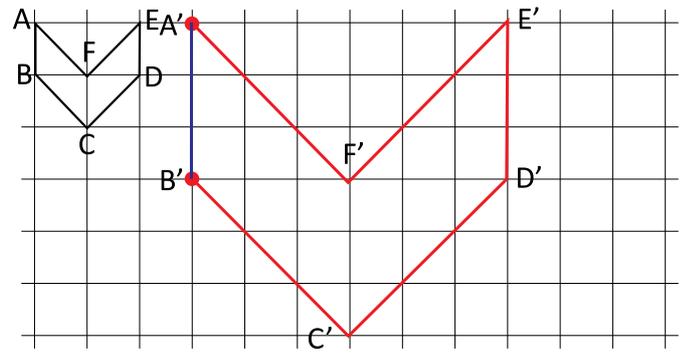


The new shape's area is

- triple the original area
- more than triple the original area

Q30

Enlarge this shape by a scale factor of 3 by choosing each new vertex. A' and B' are already done for you.



The new shape's area is

- triple the original area
- more than triple the original area