Translation



2

Four shapes have been drawn on a grid.



- a) Translate shape A 5 squares to the right and 3 squares down.
- **b)** Translate shape B 4 squares to the left and 7 squares down.
- c) Translate shape C 6 squares to the left.
- d) Translate shape D 4 squares to the right and 8 squares up.
- Dora has translated triangle A 2 squares to the right and 3 7 squares up.



Is Dora's drawing correct? <u>No</u> Explain why.

Complete the translations.

a) Translate the shape 4 squares to the right.



b) Translate the shape

2 squares up.



d) Translate the shape 3 squares left, 5 squares down.

c) Translate the shape

4 squares right, 2 squares up.









Eight polygons are drawn on the grid. /D Е F Α

6

- a) Translate shape A 10 squares up. b) Translate shape B 6 squares down. c) Translate shape C 6 squares left. d) Translate shape D 9 squares to the right and 4 squares down.
- e) Translate shape E 10 squares to the right and 3 squares down.
- f) Translate shape F 7 squares to the right and 3 squares up.
- g) Translate shape G 9 squares to the left and 1 square up.
- Create your own problem like this for a partner.







