

Name: _____

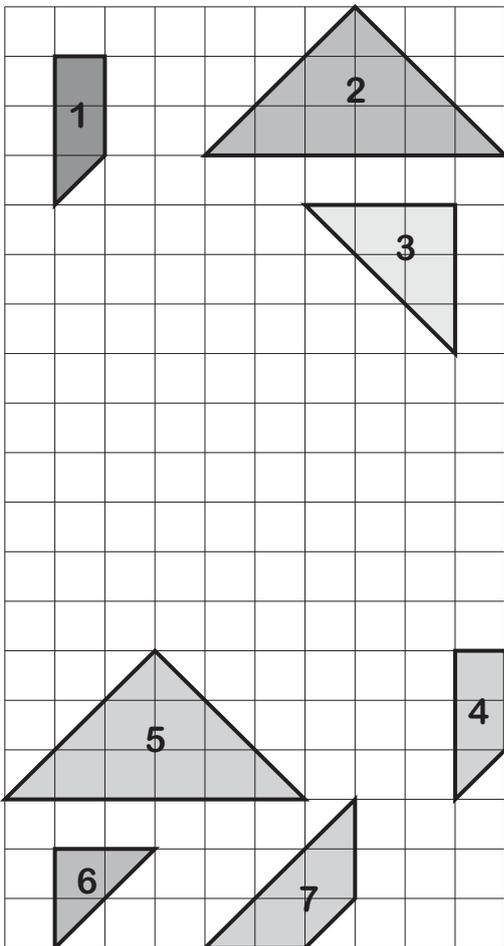
1. Translate the shapes on the grid below by the amounts shown in the table using the following abbreviations. Redraw the shapes after being translated to reveal an object.

R = right, **L** = left, **U** = up, **D** = down

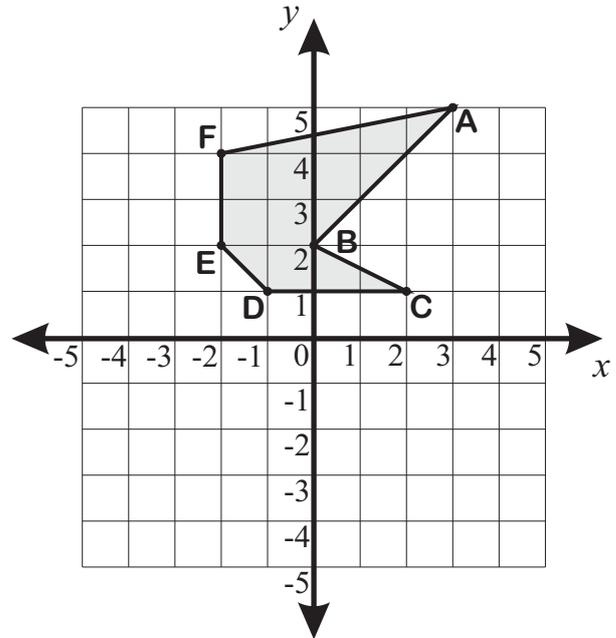
Example:

R1, D3 = right one unit and down three units

Shape	Translation
1	R1, D8
2	L1, D6
3	L1, D5
4	L5, U8
5	R2, U4
6	R2, U8
7	L3, U10



2. For the shape shown on this Cartesian plane answer the questions below.



(a) List the coordinates of the vertices of the shape.

A = (,) **B** = (,)

C = (,) **D** = (,)

E = (,) **F** = (,)

(b) Draw the shape after it has been translated two units to the left and five units down.

(c) List the coordinates of the vertices of this translated shape.

A' = (,) **B'** = (,)

C' = (,) **D'** = (,)

E' = (,) **F'** = (,)

3. Which of the following translations would move a point with coordinates (-2, 5) to (4, -6)?

A (R11, D6) **B** (L6, D11) **C** (L6, U11)

D (R6, U11) **E** (R6, D11) **F** (R2, D11)

