

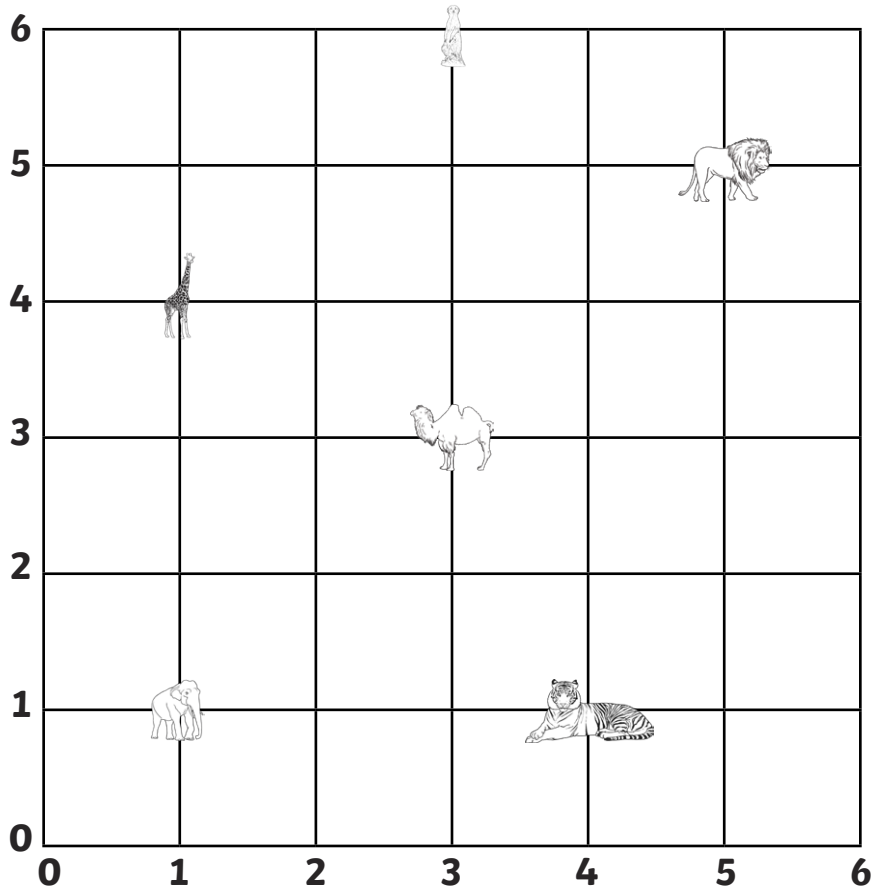



Animal Translations

I can give the position of a translated object on a 2D grid.




Write the coordinates of the animal, then translate them and write the new coordinate.



| Animal | Original Coordinate | Translation | Finishing Coordinate |
|---|---------------------|-------------|----------------------|
|  | (,) | Left 4 | (,) |
|  | (,) | Down 5 | (,) |
|  | (,) | Left 2 | (,) |
|  | (,) | Up 4 | (,) |
|  | (,) | Right 3 | (,) |
|  | (,) | Up 2 | (,) |



Animal Translations **Answers**

| Animal | Original Coordinate | Translation | Finishing Coordinate |
|---|----------------------------|--------------------|-----------------------------|
|  | (5,5) | Left 4 | (1,5) |
|  | (3,6) | Down 5 | (3,1) |
|  | (4,1) | Left 2 | (2,1) |
|  | (1,1) | Up 4 | (1,5) |
|  | (1,4) | Right 3 | (4,4) |
|  | (3,3) | Up 2 | (3,5) |

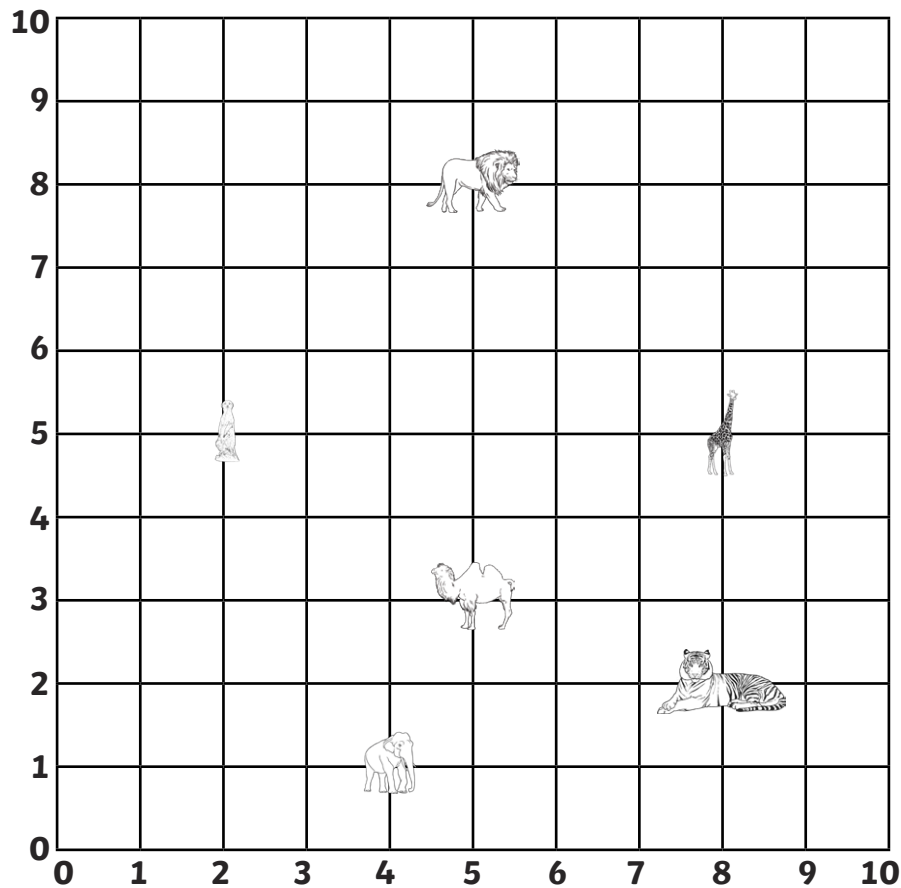


Animal Translations

I can give the position of a translated object on a 2D grid.




Write the coordinates of the animal, then translate them and write the new coordinate.



| Animal | Original Coordinate | Translation | Finishing Coordinate |
|---|---------------------|-----------------|----------------------|
|  | (,) | Left 2, Down 3 | (,) |
|  | (,) | Right 1, Down 3 | (,) |
|  | (,) | Left 2, Up 4 | (,) |
|  | (,) | Right 4, Up 2 | (,) |
|  | (,) | Left 5, Down 2 | (,) |
|  | (,) | Right 4, Up 5 | (,) |



Animal Translations Answers

| Animal | Original Coordinate | Translation | Finishing Coordinate |
|---|---------------------|-----------------|----------------------|
|  | (5,8) | Left 2, Down 3 | (3,5) |
|  | (2,5) | Right 1, Down 3 | (3,2) |
|  | (8,2) | Left 2, Up 4 | (6,6) |
|  | (4,1) | Right 4, Up 2 | (8,3) |
|  | (8,5) | Left 5, Down 2 | (3,3) |
|  | (5,3) | Right 4, Up 5 | (9,8) |

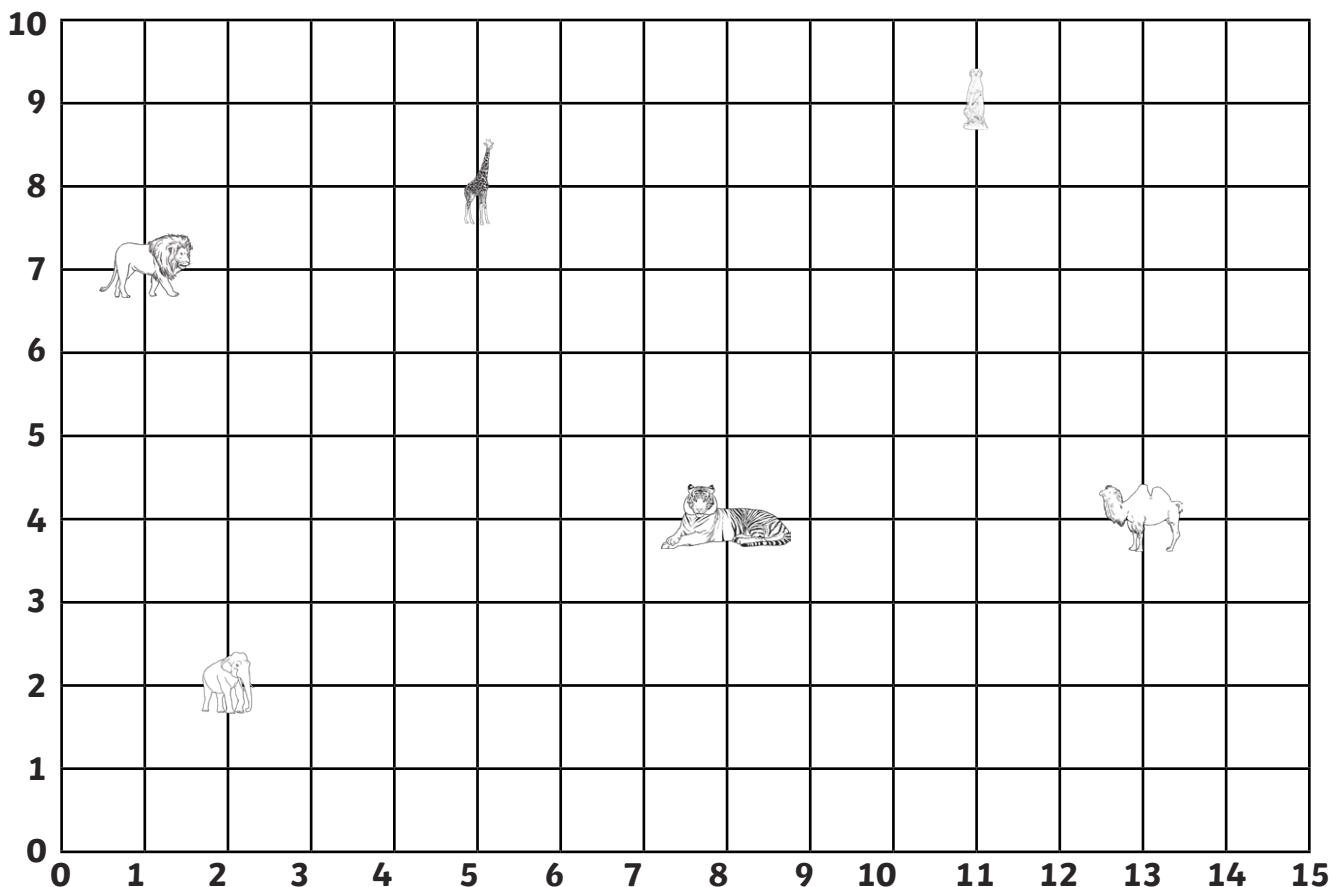







Animal Translations

I can give the position of a translated object on a 2D grid.







Write the coordinates of the animal, then translate them and write the new coordinate.



| Animal | Original Coordinate | Translation | Finishing Coordinate |
|---|---------------------|-----------------|----------------------|
|  | (,) | Right 6, Down 4 | (,) |
|  | (,) | Left 8, Down 5 | (,) |
|  | (,) | Left 4, Up 3 | (,) |
|  | (,) | Right 10, Up 6 | (,) |
|  | (,) | Left 1, Down 2 | (,) |
|  | (,) | Right 1, Up 4 | (,) |



Animal Translations **Answers**

| Animal | Original Coordinate | Translation | Finishing Coordinate |
|---|----------------------------|--------------------|-----------------------------|
|  | (1,7) | Right 6, Down 4 | (7,3) |
|  | (11,9) | Left 8, Down 5 | (3,4) |
|  | (8,4) | Left 4, Up 3 | (4,7) |
|  | (2,2) | Right 10, Up 6 | (12,8) |
|  | (5,8) | Left 1, Down 2 | (4,6) |
|  | (13,4) | Right 1, Up 4 | (14,8) |