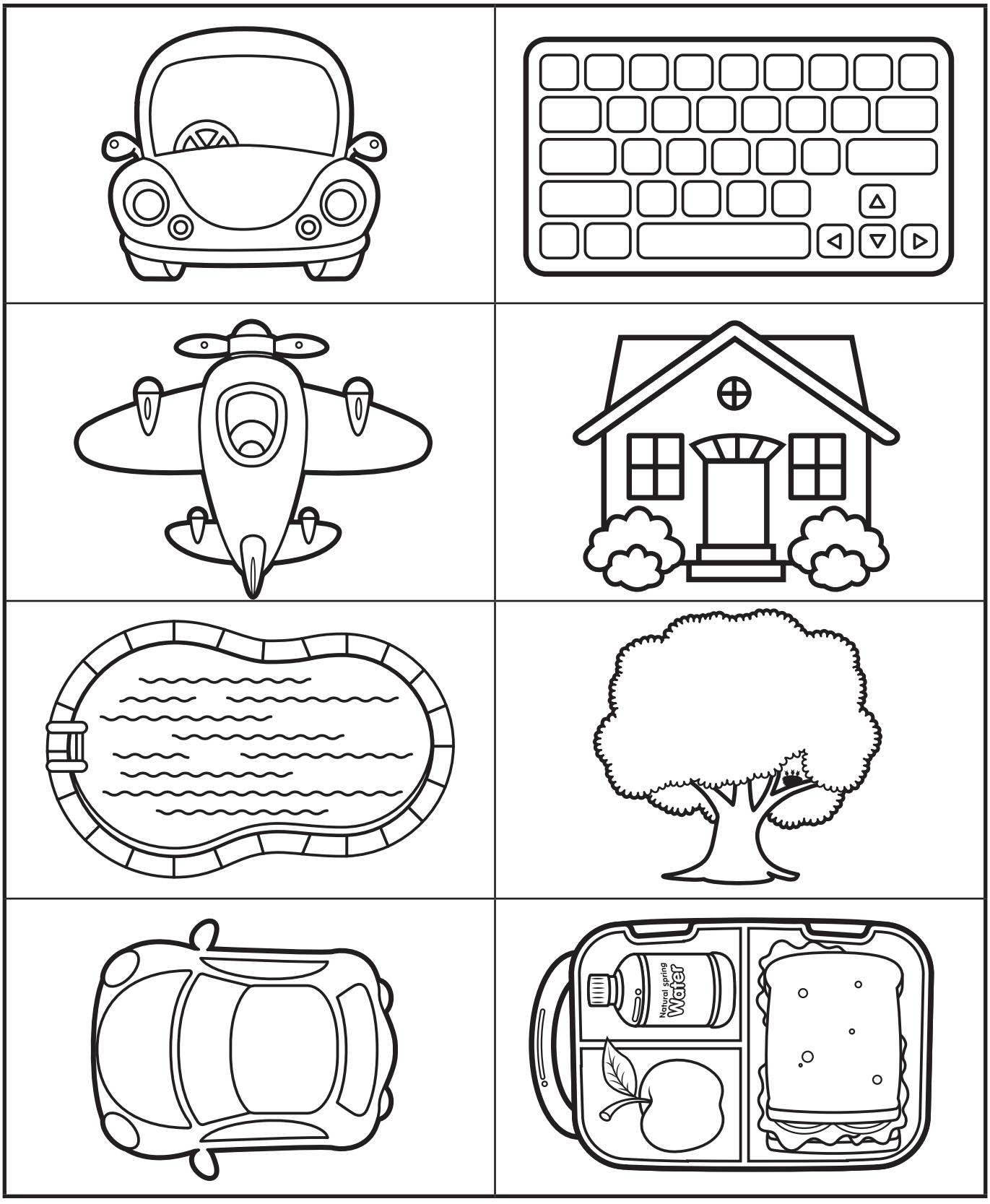
Bird's-eye view – 1

Maps often use a bird's-eye view. A bird's-eye view is one where you are looking down on something from above.

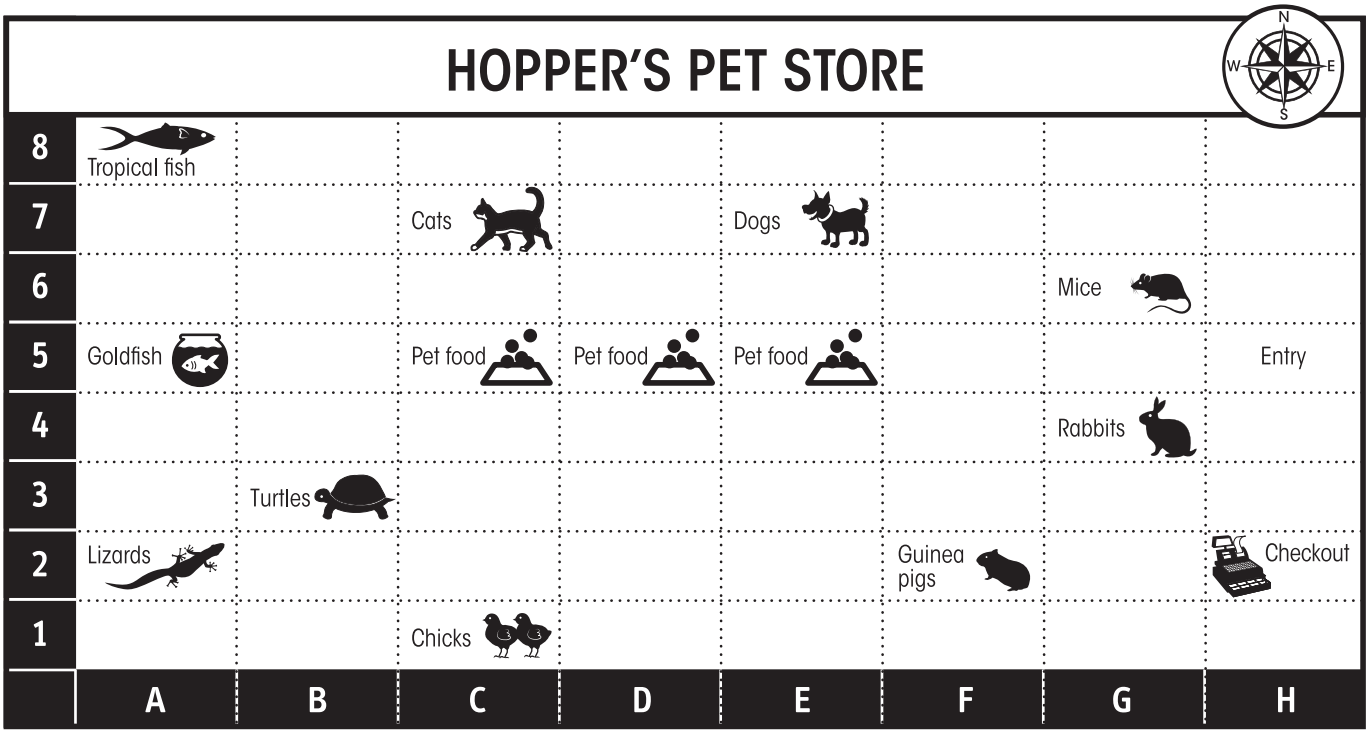
Look at these views. Colour all the bird's-eye views.



Name .....

Grid maps

1. Look at the grid map. What is the name of the store? .....



2. At what grid reference would you find these animals?

(a) rabbits: ..... (b) guinea pigs: ..... (c) mice: .....

(d) lizards: ..... (e) turtles: ..... (f) goldfish: .....

3. What would you find at these grid references?

(a) H5: ..... (b) A8: .....

(c) C1: ..... (d) H2: .....

(e) C5, D5, E5: ..... (f) E7: .....

4. What feature would you find at these directions?

(a) North of the goldfish: ..... (b) South-west of the turtles: .....

(c) East of the cats: ..... (d) West of the pet food: .....

(e) South of the dogs: ..... (f) North of the rabbits: .....

5. Describe a route from the entry to the tropical fish using compass directions:

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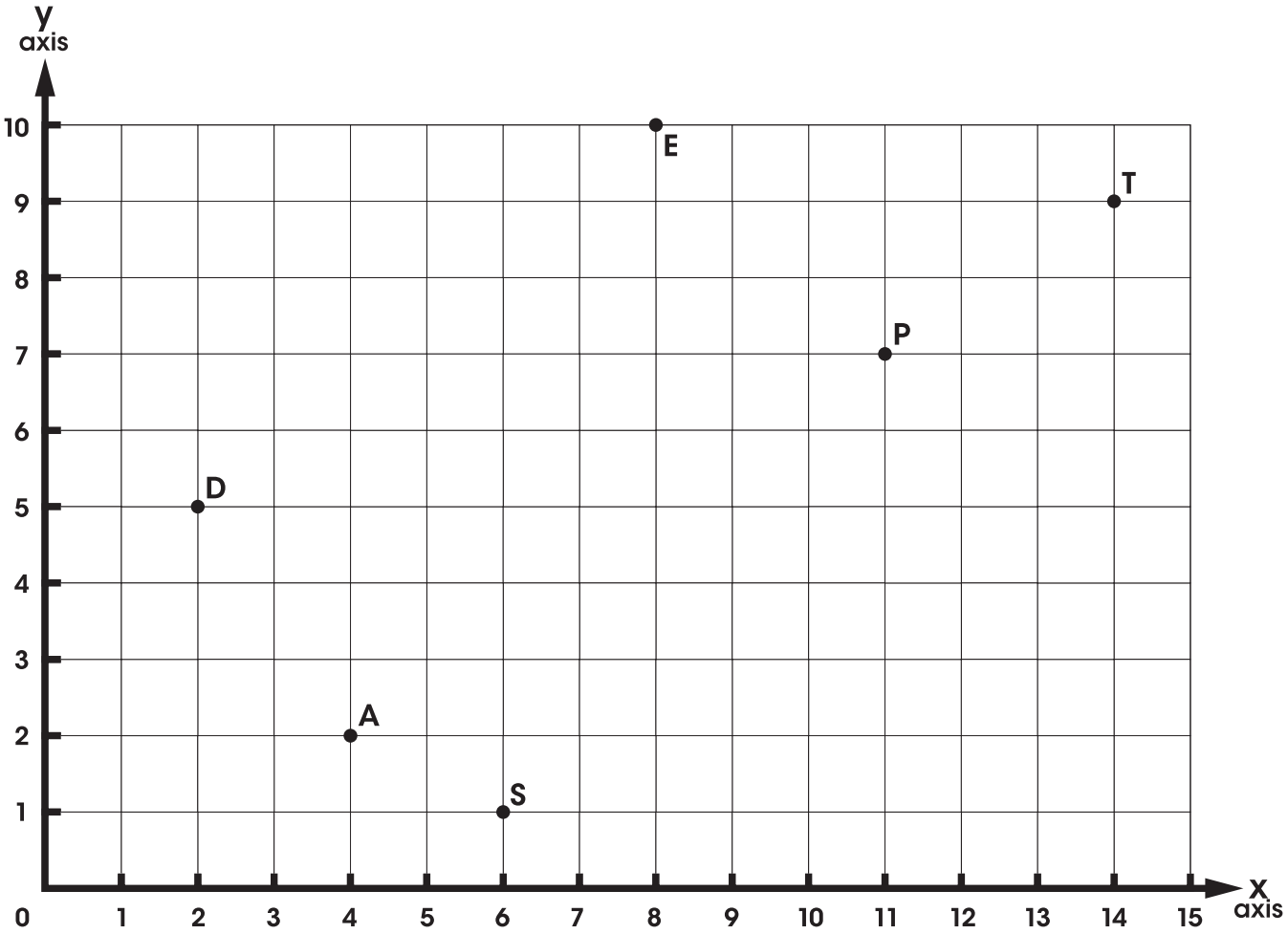
Cartesian coordinate system – one quadrant

The Cartesian coordinate system was developed by a mathematician named Rene Descartes, who was known as Cartesius, which is where the name came from. Cartesian coordinates use grid squares and numbers along an x axis (horizontal) and y axis (vertical) to pinpoint a place or feature on a graph, plane or map. They can also use positive and negative numbers.



1. Look at the graph above and write the Cartesian coordinates for each of the letters. Write the x axis number before the y axis.

   (a) A = ... (b) P = ... (c) S = ...

   (d) T = ... (e) E = ... (f) D = ...

2. Add the following letters to these coordinates on the graph/plane above.

   (a) C = (3, 5) (b) N = (12, 4) (c) O = (13, 3) (d) R = (1, 8)

3. Write as many words as you can using all the letters on the Cartesian plane. Share them with a partner.