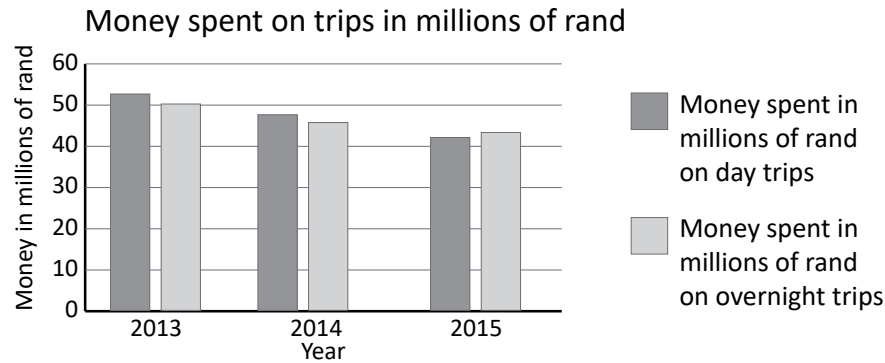


### 17 Tourist trips

The graph shows the money spent by tourists on trips to visit cultural and heritage sites in South Africa.



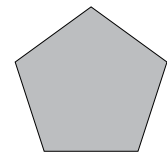
Look at the graph and answer the questions in full sentences.

- 1 What is a tourist?
- 2 What is a heritage site?
- 3 Which year was the most money spent on trips?
- 4 Which year was the least money spent?
- 5 Estimate how much more money was spent in 2013 compared to 2015 on day trips.
- 6 Many South Africans do not visit cultural and heritage sites. When people were asked why, two-fifths said that the heritage sites were too expensive, one-third said that they did not have time and one-quarter said that they did not know about the sites.
  - a What was the main reason people did not visit cultural or heritage sites?
  - b Add the three fractions together. What do you notice?
  - c Have you visited a cultural or heritage site? Why or why not?

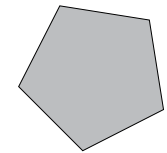
### 18 Flying shapes

Diagonals are lines that join corners of a shape that are not next to each other. We read diagonals from left to right as though they are going up or going down.

A shape that is placed flat shows a sense of stability.

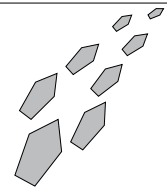


If we turn the shape at an angle, we get a sense of movement. It either feels as if it is going to fall back into place or it is going to fly up to the right.



Both these shapes look as if they are floating because there is no ground touching them.

If we make this shape narrower and add other similar shapes, it looks as if they are moving upwards.



Any picture that emphasises the diagonal in colour, shape or light gives the sense of movement.

Read the text and look at the diagrams. Answer the questions.

- 1 Draw a rectangle. Draw two diagonals in the rectangle.
- 2 Can a triangle have a diagonal?
- 3 How can we get a sense of movement with a shape?
- 4 How do we get a sense of movement with a picture?
- 5 Choose a geometric shape. Make a drawing that looks like leaves flying off a tree.