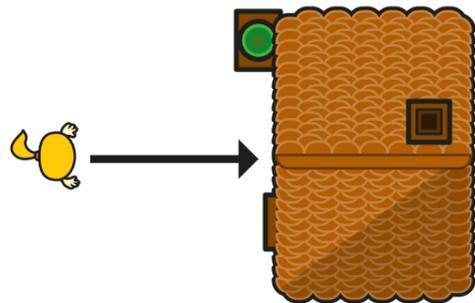


Measuring angles in degrees

1 Eva is facing her house.



She makes a full turn.

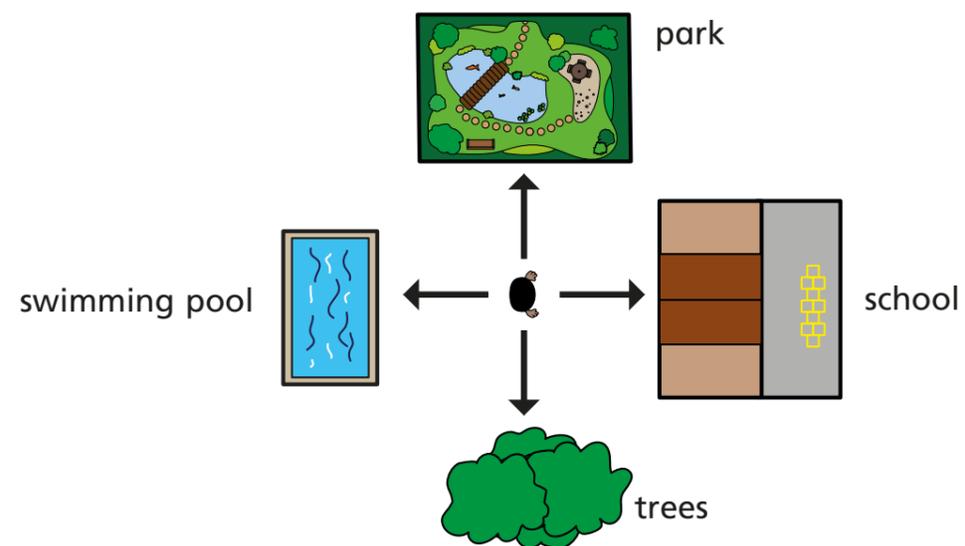
a) What is Eva facing now?

House

b) How many degrees has Eva turned through?

degrees

2 Mo is facing his school.



Mo makes a half turn.

a) What is Mo facing now?

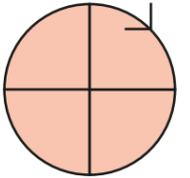
swimming pool

b) How many degrees did Mo turn through?

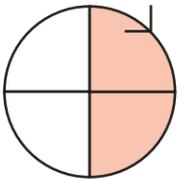
degrees

3 Complete the sentences.

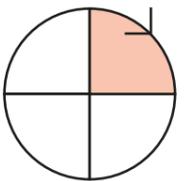
a) There are degrees in a full turn.



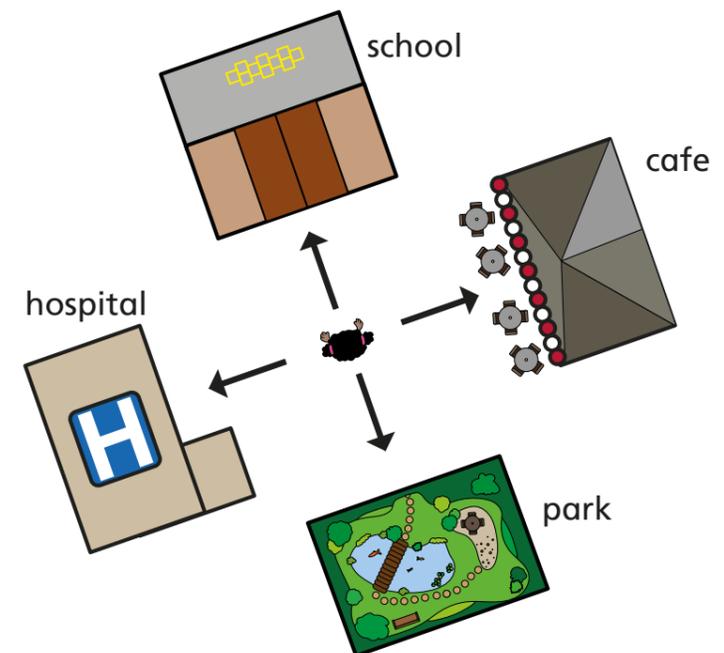
b) There are degrees in half a full turn.



c) There are degrees in quarter of a full turn.



4 Whitney is facing the school.



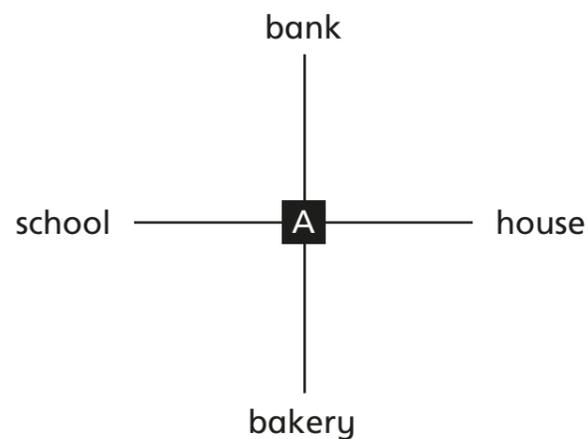
Whitney turns half a turn.

What is she now facing? park

Does it matter which way she turns?



- 5 Amir, Annie, Jack and Filip are standing at point A.



- a) Amir is facing the bank. He turns 90 degrees clockwise.

Where is Amir facing now? house

- b) Amir faces the bank again.
This time he turns 90° anticlockwise.
Where is now facing?

school

- c) Jack is facing the house.
He makes a 90° turn.
Where could he now be facing?

bank or bakery

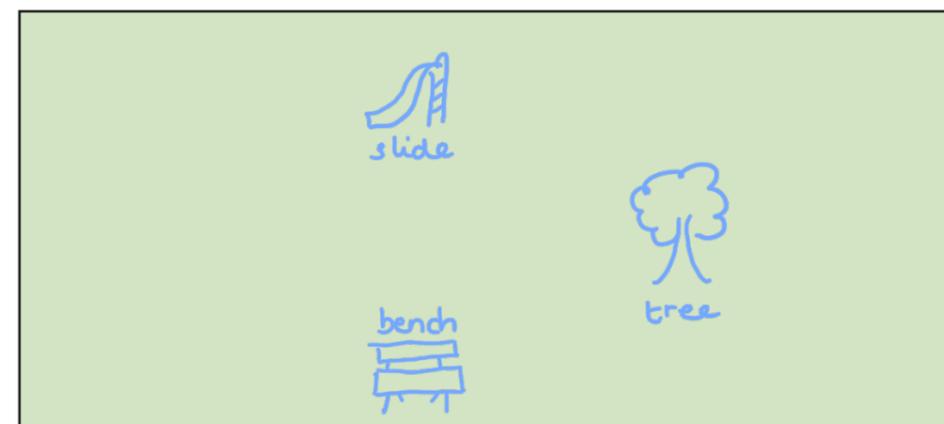
- d) Filip is facing the school.
He turns to face the house.
How many degrees did he turn through?

180°

- e) Annie is facing the bakery.
She turns to face the school.
Describe two different turns she could have made.

- 6 Ron is standing in the park.
He is facing forward and looking at a slide.
He makes a 180 degree turn and is now facing a bench.
He now makes a 90 degree turn and is facing a tree.
Draw a possible diagram of the park.

e.g.

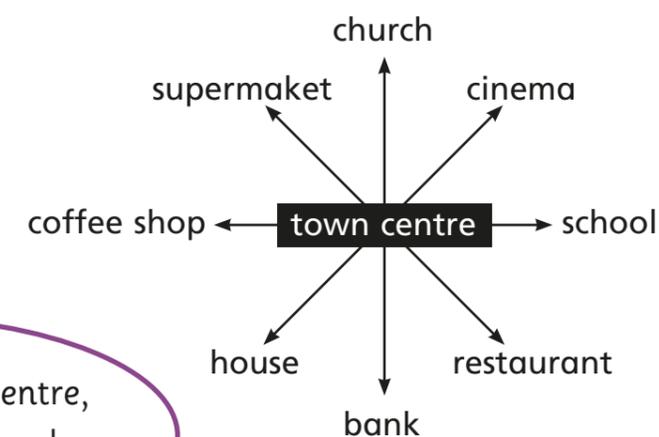


Compare your diagram with a partner's diagram.
What is the same and what is different about your diagrams?

- 7 The diagram shows the direction of some places in relation to the centre of a town.



I am in the town centre, facing the cinema. I make a 90° turn clockwise.



What is Tommy facing now? restaurant
Create your own problem like this for a partner.