

Unit 2 Compass Points and Turns

I can turn to the left or I can turn to the right.



Starting Point



The position of the feet show that I have turned towards the right.

A turn to the right is also **clockwise** turn.



Starting Point



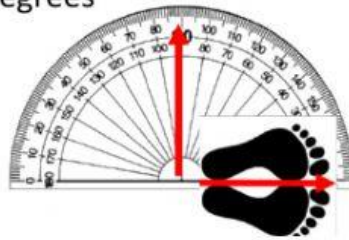
The position of the feet show that I have turned towards the left.

A turn to the left is also an **anti-clockwise** turn.

I can also describe turns in degrees



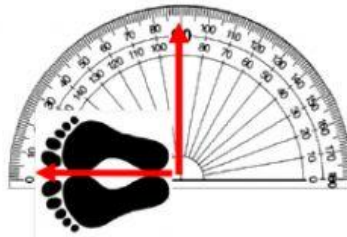
Starting Point



The position of the feet show that I have turned 90 °towards the right.



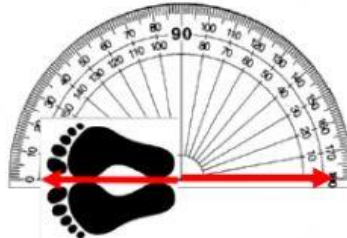
Starting Point



The position of the feet show that I have turned 90 °towards the left .



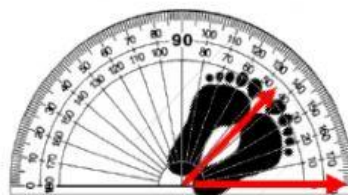
Starting Point



The position of the feet show that I have turned 180 °towards the left.



Starting Point



The position of the feet show that I have turned 45 °towards the left.

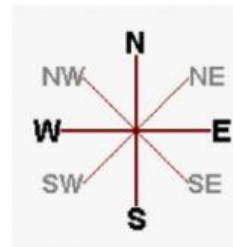
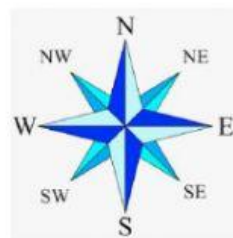
Describe the turns. Mark the correct answer with a X.

 Start  Finish 90°clockwise 90°anti-clockwise 45°clockwise 45°anti-clockwise 180° clockwise	 Start  Finish 90°clockwise 90°anti-clockwise 45°clockwise 45°anti-clockwise 180° clockwise	 Start  Finish 90°clockwise 90°anti-clockwise 45°clockwise 45°anti-clockwise 180° anti- clockwise	 Start  Finish 90°clockwise 90°anti-clockwise 45°clockwise 45°anti-clockwise 180° anti- clockwise
 Start  Finish 90°clockwise 90°anti-clockwise 45°clockwise 45°anti-clockwise 180° clockwise	 Start  Finish 90°clockwise 90°anti-clockwise 45°clockwise 45°anti-clockwise 180° anti- clockwise	 Start  Finish 90°clockwise 90°anti-clockwise 45°clockwise 45°anti-clockwise 180° anti- clockwise	 Start  Finish 90°clockwise 90°anti-clockwise 45°clockwise 45°anti-clockwise 180° anti- clockwise

Compass Points

North East South and West are also terms used to give position and describe direction.

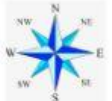
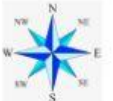
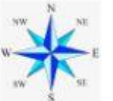
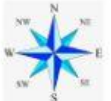
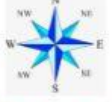
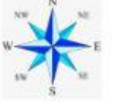
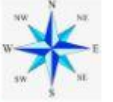
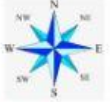
These points are shown as **compass points**.



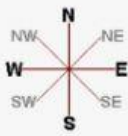
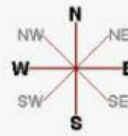
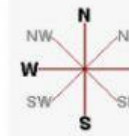
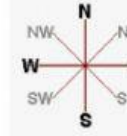
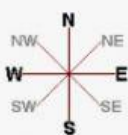
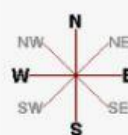
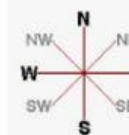
A turn from North to East is a 90°turn.

A turn from W to NW is half a 90°turn. A turn from N to NW is a 45°turn.

A turn from W to E is a 180 turn.

  The feet are pointing:	  The feet are pointing:	  The feet are pointing:	  The feet are pointing:
  The feet are pointing:	  The feet are pointing:	  The feet are pointing:	  The feet are pointing:

Write in the size of the smallest turn needed and the direction of the turn (mark with a X)

 I am facing W. Describe the turn needed to now face E _____° anti-clockwise _____° clockwise	 I am facing SW. Describe the turn needed to now face NW _____° anti-clockwise _____° clockwise	 I am facing SE. Describe the turn needed to now face E _____° anti-clockwise _____° clockwise	 I am facing S. Describe the turn needed to now face SW _____° anti-clockwise _____° clockwise
 I am facing NE. Describe the turn needed to now face SW _____° anti-clockwise _____° clockwise	 I am facing NE. Describe the turn needed to now face N _____° anti-clockwise _____° clockwise	 I am facing NW. Describe the turn needed to now face E _____° anti-clockwise _____° clockwise	 I am facing NE. Describe the turn needed to now face SE _____° anti-clockwise _____° clockwise

Treasure Map

Draw a treasure map like the one below.

Make sure it has a Compass Rose and a starting point

Write a series of directions to get to the treasure. Share with a partner and see if they can locate the location of the treasure.

Try this example

You landing point is marked with a X

Once you have landed turn to the North and go to the closest landmark.

Facing North then turn 135° in an anti-clockwise direction and you will see the next landmark.

Walk north to the nearest beach.

Facing South to 90° and you will see the location of the buried treasure.

Where is the treasure located? _____

