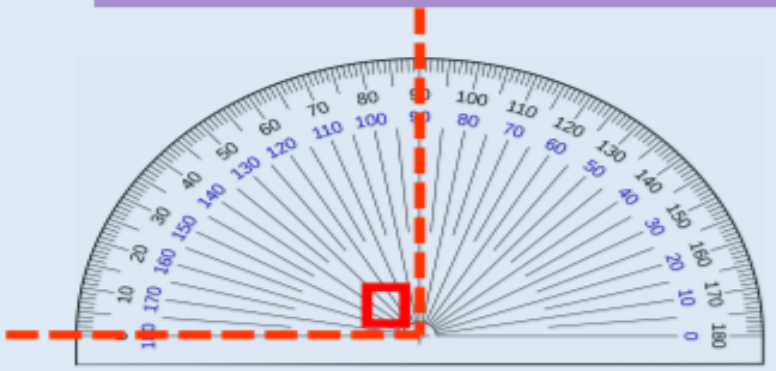
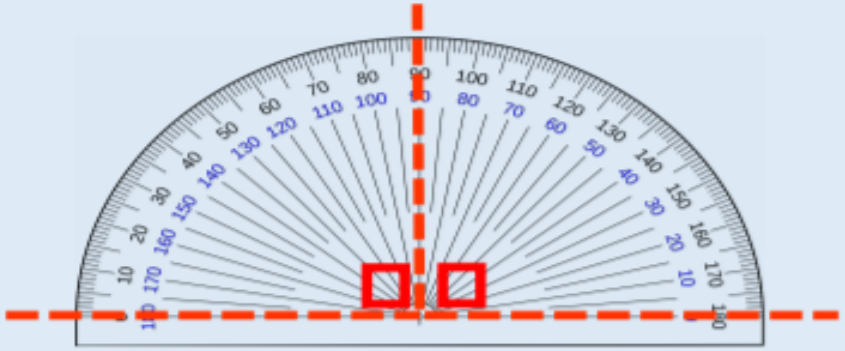
WALT calculate angles on a straight line.

Activity 1 Angles on a Straight Line

Fill in the blanks.



There are ____ degrees in a right angle.



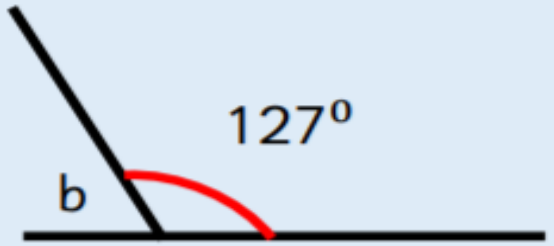
There are ____ right angles on a straight line.

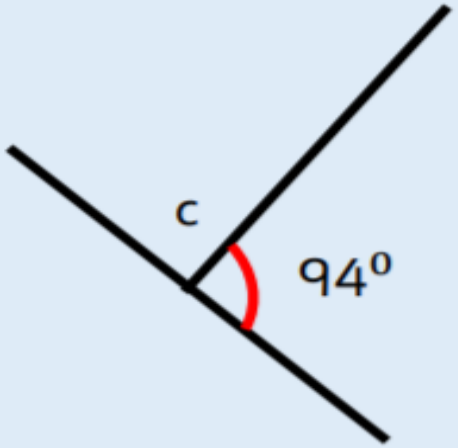
There are ____ degrees on a straight line.

Activity 2

Angles on a Straight Line

Calculate the missing angles.

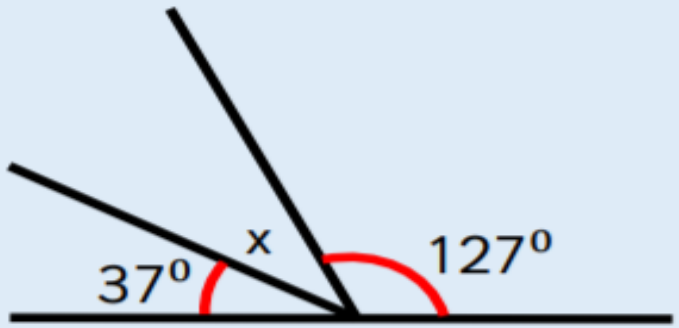


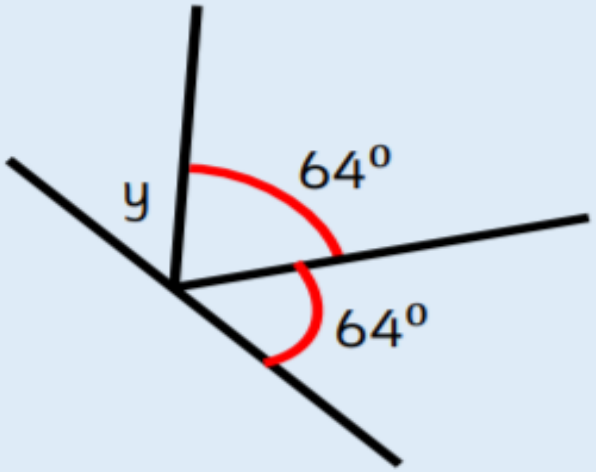


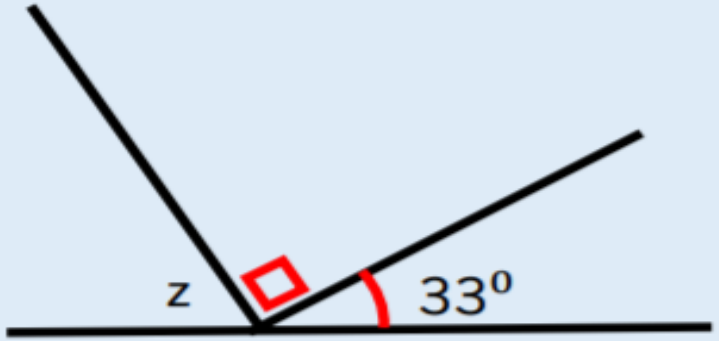
Activity 3

Angles on a Straight Line

Calculate the missing angles.







Reasoning 1 Angles on a Straight Line

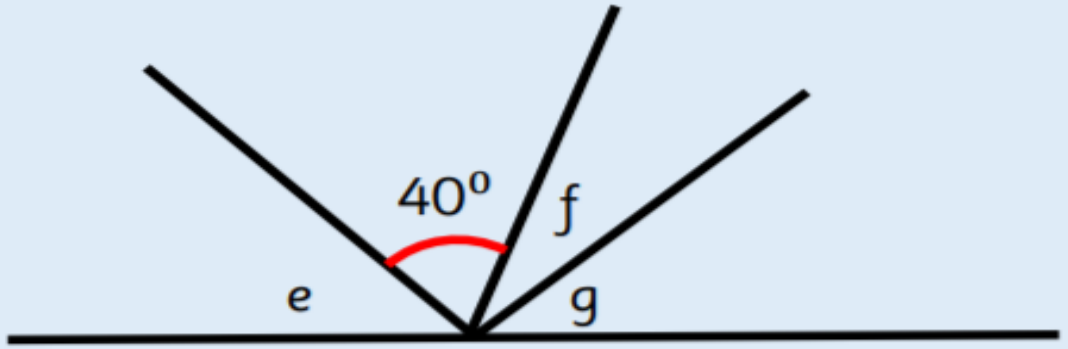
Tia is measuring two angles on a straight line.

?

Explain why at least one of Tia's angles must be wrong.

Reasoning 2 Angles on a Straight Line

Calculate the size of the angles.



- The total of angle f and g are the same as angle e.
- Angle e is 30° more than the size of given angle.
- Angle f is 10° more than angle g.