



# Angle Rules

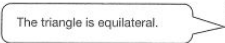
## Answers

### 2018 Paper 3 Reasoning

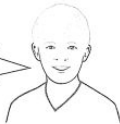
1

Two of the angles in a triangle are  $70^\circ$  and  $40^\circ$

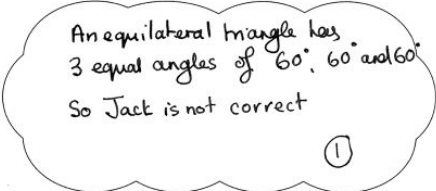
Jack says,



The triangle is equilateral.



Explain why Jack is not correct.



An equilateral triangle has  
3 equal angles of  $60^\circ$ ,  $60^\circ$  and  $60^\circ$   
So Jack is not correct

(1)

2017 Paper 2 Reasoning

2

Layla completes one-and-a-half somersaults in a dive.



How many **degrees** does Layla turn through in her dive?

540°

1 mark

$$\begin{array}{r} 360 \\ + 180 \\ \hline 540 \\ \hline \end{array}$$