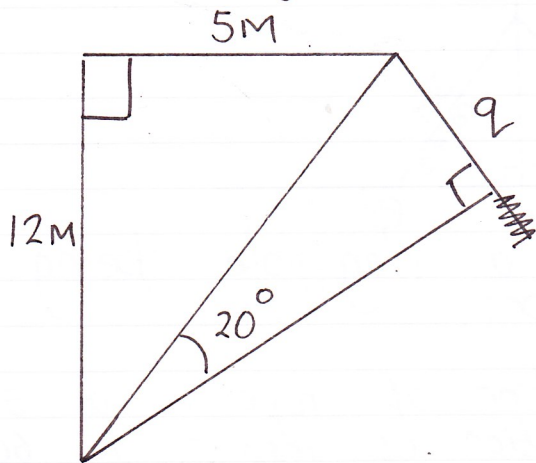


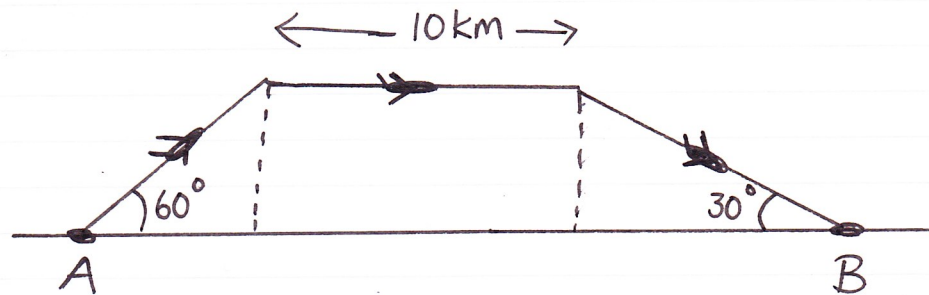
Trigonometry Test : (B)

1)



Calculate q

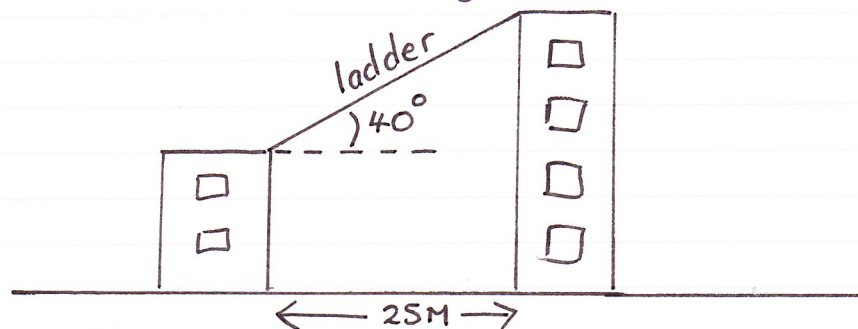
2) An aircraft flight path is shown below as it travels between airport A and airport B



- The maximum altitude reached is 8km

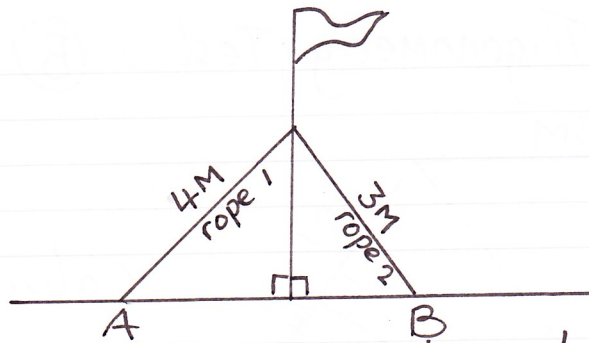
Calculate the total distance travelled by the aircraft

3) The diagram shows the situation of a ladder placed between 2 buildings



- The small building is 20m high.
- Calculate the height of the tall building.

4)



The diagram shows a flag pole being supported by 2 taut ropes.

The angle of elevation of rope 1 is 51° .

The angle of elevation of rope 2 is 60° .

Calculate the distance AB