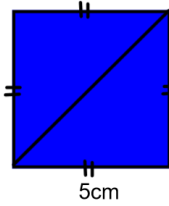
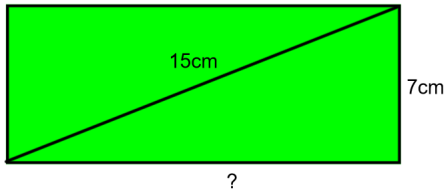


lots of SHAPE 5 PLUS

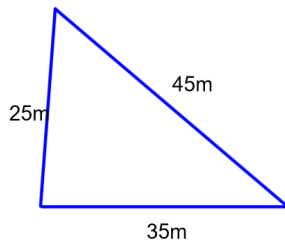
This rectangle measures ?cm by 7cm.
The diagonal measures 15cm.



This square has a side of 5cm.

What is the diagonal length?

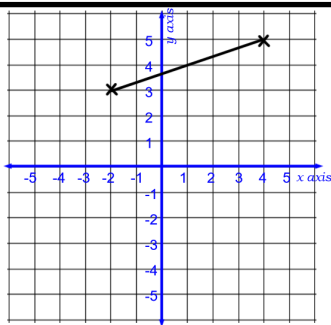
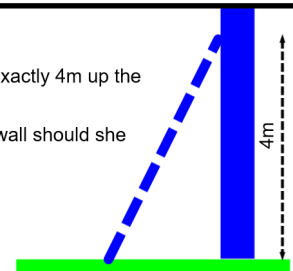
Is this a right-angled triangle?



Becky has a ladder 5m long.

She wants the ladder to reach exactly 4m up the vertical wall.

How far from the bottom of the wall should she put the foot of the ladder?

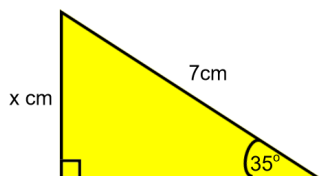


What is the length of line segment between $(4, 5)$ and $(-2, 3)$?

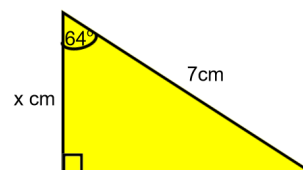
What is the length of line segment between

$(5, -2)$ and $(-3, 3)$?

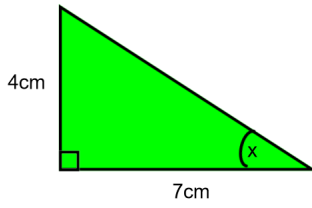
Find the value of side x to 1 decimal place.



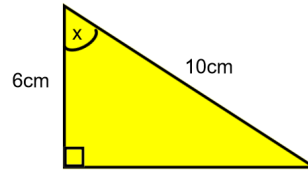
Find the value of side x to 1 decimal place.



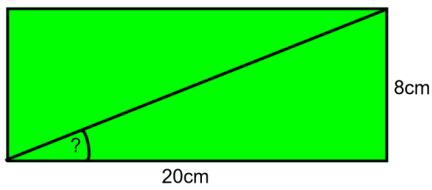
Find the value of angle x to 1 decimal place.



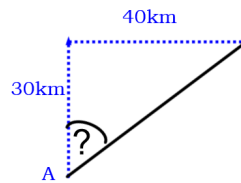
Find the value of angle x to 1 decimal place.



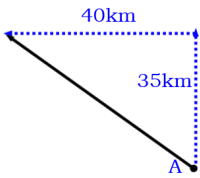
This rectangle measures 20cm by 8cm.
What is the angle ?



Ben sails from point A
He sails 30km North and then 40km East.
Find the bearing of the direct journey.

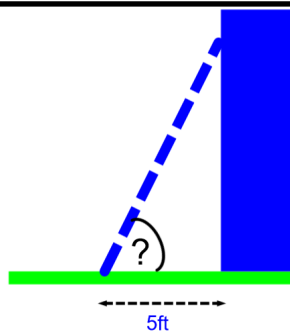


Ben sails from point A
He sails 35km North and then 40km West
Find the bearing of the direct journey as indicated in the diagram



Ben sails from point A
He sails 20km South and then 30km West
Instead of taking 2 stages,
he could have travelled on what direct bearing?

Becky has a ladder 12 ft long.
She puts it 5ft away from a wall.
Find the angle ? in the diagram.



Becky has a ladder 5m long.
She puts it 1.7 away from a wall.
Find the angle ? in the diagram.

