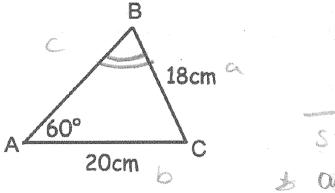
M8 =1 day to go!

1 John has a fair 6-sided dice.

He throws it twice.

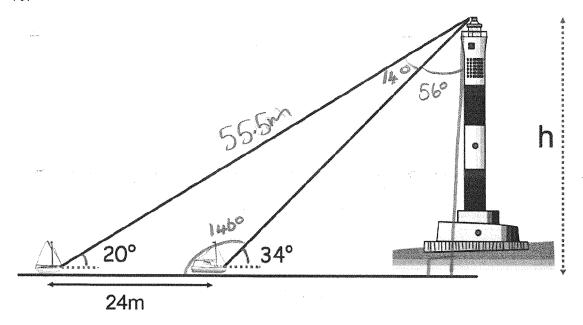
What is the probability that he throws a '3' both times?

3.



Calculate the size of angle ABC.

5,60 5,60 18 20 74.21 (3)



Two small boats are 24m apart.

The angle of elevation of the boats to the top of a lighthouse are 20° and 34° respectively.

Calculate the height of the lighthouse.

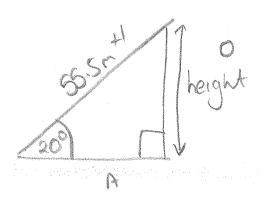
Sine Rule

Sin B

Since

Sin B

18.98 m



H=55.5m agre=20° 0=? SIN 20° × 55.50 = 18.980