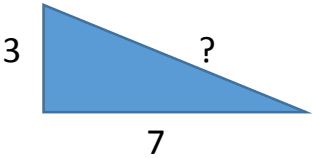
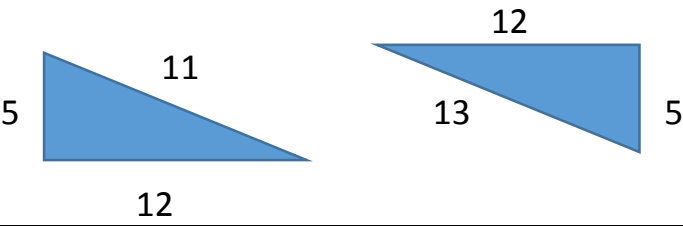
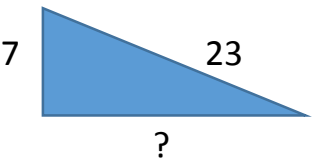
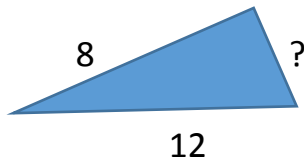



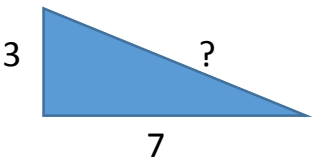
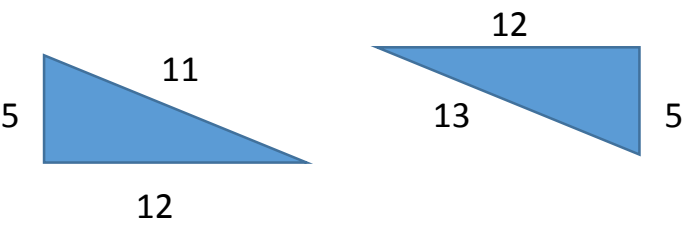
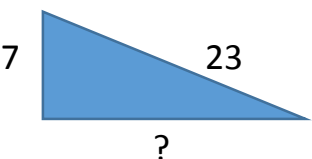
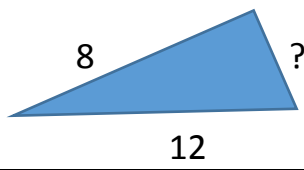

Crack the Safe: Pythagoras

No	Question	Answer (correct to 2dp)
1	Find the missing side: 	7.62
2	Write down the correct hypotenuse? 	13
3	Pythagorean triples fit Pythagoras rule: $3, 4, 5$ is $3^2 + 4^2 = 5^2$ What is the missing number in this triple? $8, 15, ?$	17
4	Find the missing side: 	21.91
5	Find the missing side: 	8.94
6	What is the missing number in this triple? $12, ?, 37$	35
7	John walks 8km North, then 4km East. He then walks directly home. How far does he walk?	6.93
8	A roof is 3m high and has a slant length of 6m. How wide is the roof? 	10.39

The code is the total of all of the questions rounded to the nearest whole number

120.79 (121)

Crack the Safe: Pythagoras

No	Question	Answer (correct to 2dp)
1	Find the missing side: 	
2	Write down the correct hypotenuse? 	
3	Pythagorean triples fit Pythagoras rule: $3, 4, 5$ is $3^2 + 4^2 = 5^2$ What is the missing number in this triple? $8, 15, ?$	
4	Find the missing side: 	
5	Find the missing side: 	
6	What is the missing number in this triple? $12, ?, 37$	
7	John walks 8km North, then 4km East. He then walks directly home. How far does he walk?	
8	A roof is 3m high and has a slant length of 6m. How wide is the roof? 	

The code is the total of all of the questions rounded to the nearest whole number