

TOWER FACT FILE

How tall is Emirates Spinnaker Tower?

_____ metres

How high is the glass floor from the ground?

_____ metres

Clue: View Deck 1.

Sky Deck _____ metres

View Deck 2 **105** metres

View Deck 1 _____ metres

How many seconds does the lift take to reach View Deck 1?

_____ Listen out in the lift.

How many metres per second does the lift travel?

_____ Listen out in the lift.

How many stairs between each deck?

_____ Count on your way up.

How tall are you?

_____ metres

Use the height measure if you don't know it.



IN THE VIEW



Am I taller or shorter than Emirates Spinnaker Tower?



GUNWHARF QUAYS NO 1 BUILDING

I am _____ metres



ANGLICAN CATHEDRAL BELL TOWER

I am _____ metres



HARBOUR AND SEWARD TOWERS

I am _____ metres



MATHS MINDS?

If all the children together measure 50 metres in total, how much taller is Emirates Spinnaker Tower View Deck 1 at 100 metres?

_____ metres

How much taller is Emirates Spinnaker Tower View Deck 1 at 100 metres than the Harbour and Seward Towers at 46 metres?

_____ metres

If the Anglican Cathedral bell tower is 37 metres, how much shorter is it than Emirates Spinnaker Tower View Deck 1 at 100 metres?

_____ metres

If Emirates Spinnaker Tower View Deck 1 at 100m, the Gunwharf Quays No.1 building and Anglican Cathedral bell tower are placed on top of each, how many metres tall would it be?

_____ metres

What would be the total height of the Anglican Cathedral bell tower at 37 metres plus the height of the Harbour and Seward Towers at 46 metres?

_____ metres

What is the height of View Deck 1 in cms (remember there are 100cm in a metre)

_____ cm

How much taller is the whole tower at 170m than the Harbour and Seward Towers?

_____ metres

EXTENSION TASK

How many millimetres is View Deck 1 at 100m's from the harbour floor? (Remember there are 1000mm in a metre)

_____ mm

How many kilometres is View Deck 1 from the harbour floor? (Remember there are 1000m in a km)

_____ km

DARE YOU WALK ACROSS THE GLASS SKY WALK?

What shape is the glass floor?

2D= **Square** **Rectangle** **Circle**

3D= **Cuboid** **Sphere** **Prism**

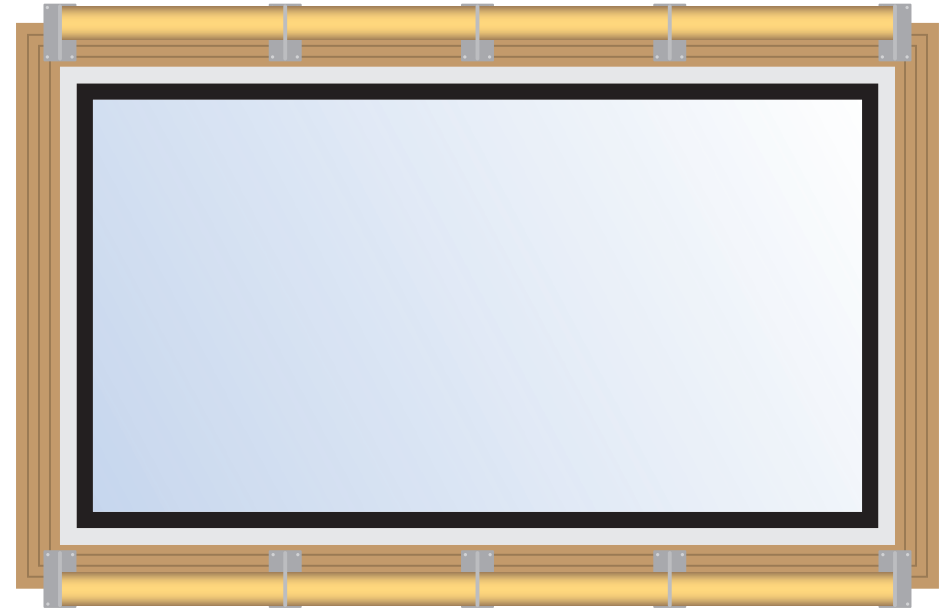
How many pieces of glass make up the thickness of the glass floor?

How many Rhinos can stand on the floor?

I measured the glass floor today with my

_____ (e.g. hands)

It was _____ long (e.g. 10)



EXTENSION TASK

Using the tape measures provided, the length of the glass floor is _____ cms

It is _____ cms wide

Can you work out the area by multiplying the length by width _____



TERRIFIC TOWERS KS2 L