

The skills in this series of exercises appear frequently.

These are the GIFTS you must take to succeed.



Geometry and Measure Unit

Exercise 2

Container Packing (Non-Calculator)

Find the maximum number of packages in the container:

(Packages must be aligned in the same direction.* indicates **Must be upright**)

1.

	Length	Breadth	Height
Container	160cm	80cm	100cm
Package	12cm	9cm	24cm*

2.

	Length	Breadth	Height
Container	250cm	90cm	120cm
Package	16cm	13cm	19cm*

3.

	Length	Breadth	Height
Container	300cm	240cm	70cm
Package	35cm	21cm	32cm*

4.

	Length	Breadth	Height
Container	200cm	130cm	90cm
Package	18cm	15cm	16cm*

5.

	Length	Breadth	Height
Container	400cm	320cm	210cm
Package	45cm	30cm	40cm*

6.

	Length	Breadth	Height
Container	42cm	30cm	18cm
Package	9cm	7cm	3cm*

7.

	Length	Breadth	Height
Container	1.8m	0.75m	1.2m
Package	21cm	12cm	36cm*

8.

	Length	Breadth	Height
Container	4m	2.45m	2.5m
Package	0.6m	0.45m	0.6m*

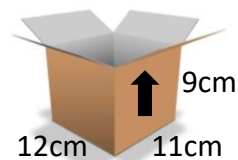
9.

	Length	Breadth	Height
Container	120cm	100cm	90cm
Package	10cm	10cm	15cm

10.

	Length	Breadth	Height
Container	150cm	110cm	70cm
Package	13cm	13cm	17cm

Applying Question



A large cardboard box is used to transport sports watches.

The watches must stay upright and aligned in the same direction.

Calculate the maximum number of watches that can be transported in a box.