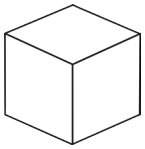
Finding the Surface Area of Cubes

The table below shows the length of one side of a cube.
Use this information to calculate the surface area of the cube.



Lengths of One Side	Area of One Face of the Cube	Total Surface Area of the Cube
3cm		
7cm		
10cm		
14cm		
12cm		
5cm		
9cm		
2cm		
16cm		

Finding the Surface Area of Cubes
Answers

Lengths of One Side	Area of One Face of the Cube	Total Surface Area of the Cube
3cm	**9cm²**	**54cm²**
7cm	**49cm²**	**294cm²**
10cm	**100cm²**	**600cm²**
14cm	**196cm²**	**1,176cm²**
12cm	**144cm²**	**864cm²**
5cm	**25cm²**	**150cm²**
9cm	**81cm²**	**486cm²**
2cm	**4cm²**	**24cm²**
16cm	**256cm²**	**1,536cm²**

Finding the Surface Area of Cubes

Use the information in the table below to calculate the missing figures.

Lengths of One Side	Area of One Face of the Cube	Total Surface Area of the Cube
	$64cm^2$	
13cm		
		$216cm^2$
	$121cm^2$	
21cm		
		$600cm^2$
	$144cm^2$	
19cm		
		$96cm^2$

Finding the Surface Area of Cubes
Answers

Lengths of One Side	Area of One Face of the Cube	Total Surface Area of the Cube
8cm	64cm^2	**384cm^2**
13cm	**169cm^2**	**1,014cm^2**
6cm	**36cm^2**	216cm^2
11cm	121cm^2	**726cm^2**
21cm	**441cm^2**	**2,646cm^2**
10cm	**100cm^2**	600cm^2
12cm	144cm^2	**864cm^2**
19cm	**361cm^2**	**2,166cm^2**
4cm	**16cm^2**	96cm^2