

Construct pie charts.

12 children were asked which times table they found most difficult to learn.
This is a table of the results.

We are going to draw a pie chart to show these results.
First we will calculate how big each *segment* needs to be.

? How many degrees do we need to show 2 children?
HINT! 2 is $\frac{1}{6}$ of 12 children.

? How many degrees do we need to show 4 children?
HINT! 4 is $\frac{1}{3}$ of 12 children.

3 is $\frac{1}{4}$ of 12 children, so we need a quarter of 360° (the full circle) to show 3 children.

? How many degrees do we need to show 1 child?

Times table	Number of children who found this most difficult	Degrees
2	0	
3	0	
4	0	
5	0	
6	2	60°
7	4	120°
8	3	90°
9	1	30°
10	0	
11	0	
12	2	60°

Now check that the total adds to 360° .



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8	3	90°
9	1	30°
10	0	
11	0	
12	2	60°

-  6 times table
-  7 times table
-  8 times table
-  9 times table
-  12 times table

