

GENERAL ANGLE TRIG INVESTIGATION

CUT OUT THE CARDS. LEARNERS SHOULD TAKE READINGS FROM SHEET 1 AND FILL IN THEIR CARD.

Values have been filled in on each card which learners should be asked to check.

Measure the x and y coordinate distances for the points on the unit circle correct to 2 decimal places. Fill in the table  
We are sharing the work to save time

Angle in degrees	x coordinate	y coordinate
0		
10		
20	0,94	0,34
180		
190	-0,98	-0,17
200		

Measure the x and y coordinate distances for the points on the unit circle correct to 2 decimal places. Fill in the table  
We are sharing the work to save time

Angle in degrees	x coordinate	y coordinate
30		
40	0,77	0,64
50		
210		
220		
230	-0,64	-0,77

Measure the x and y coordinate distances for the points on the unit circle correct to 2 decimal places. Fill in the table  
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Angle in degrees	x coordinate	y coordinate
60	0,5	0,87
70		
80		
240		
250	-0,34	-0,94
260		

Measure the x and y coordinate distances for the points on the unit circle correct to 2 decimal places. Fill in the table  
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Angle in degrees	x coordinate	y coordinate
270		
280		
290	0,34	-0,94
90		
100	-0,17	0,98
110		

Measure the x and y coordinate distances for the points on the unit circle correct to 2 decimal places. Fill in the table  
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Angle in degrees	x coordinate	y coordinate
300		
310		
320	0,77	-0,64
120	-0,5	0,87
130		
140		

Measure the x and y coordinate distances for the points on the unit circle correct to 2 decimal places. Fill in the table  
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Angle in degrees	x coordinate	y coordinate
330		
340		
350	0,98	-0,17
150	-0,87	0,5
160		
170		

Measure the x and y coordinate distances for the points on the unit circle correct to 2 decimal places. Fill in the table  
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Angle in degrees	x coordinate	y coordinate
360		
0	1	0
10		
180		
190		
200	-0,94	-0,34

Measure the x and y coordinate distances for the points on the unit circle correct to 2 decimal places. Fill in the table  
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Angle in degrees	x coordinate	y coordinate
0		
20		
40	0,77	0,64
60		
80		
90	0	1