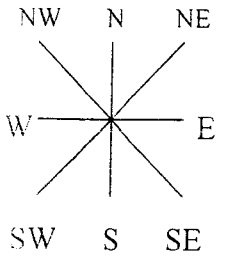
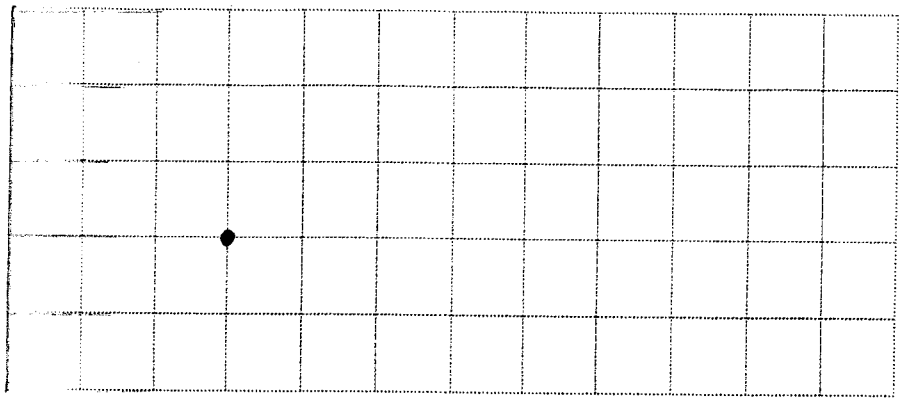
BEARINGS



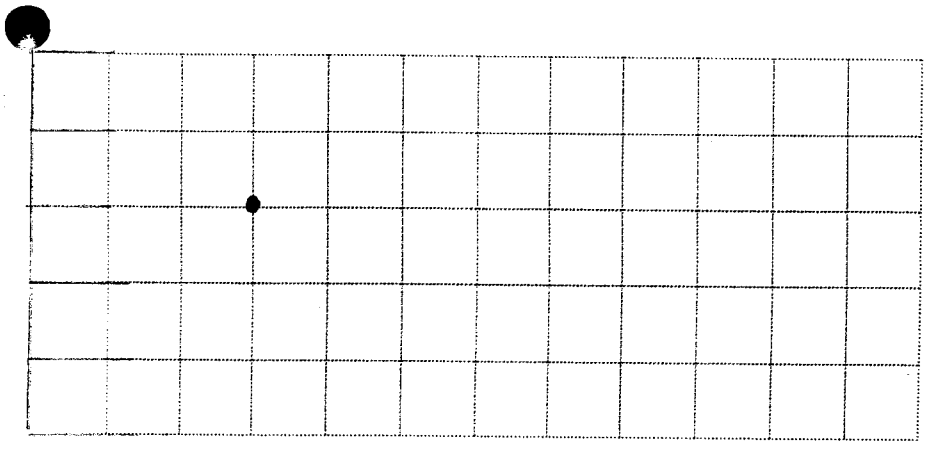
COMPASS BEARINGS

Starting at the black dot, follow the instructions to make a shape.



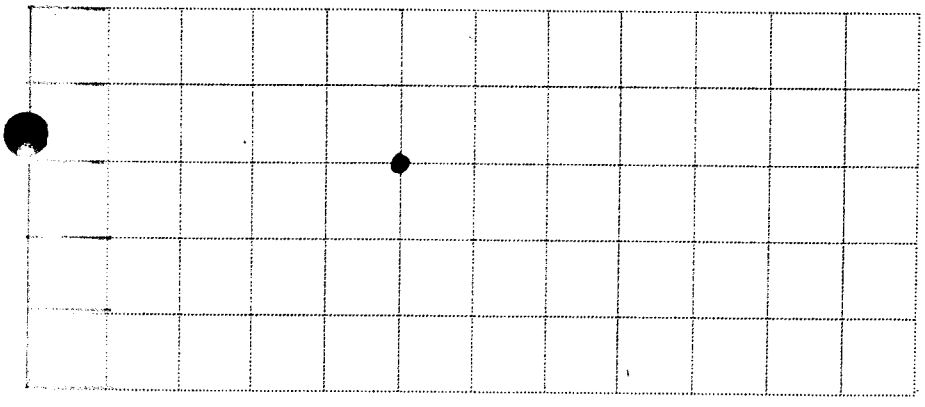
Shape 1

North East 2, East 2, South East 1, North East 2, South 5, North West 2, South West 1, West 3, North West 1.

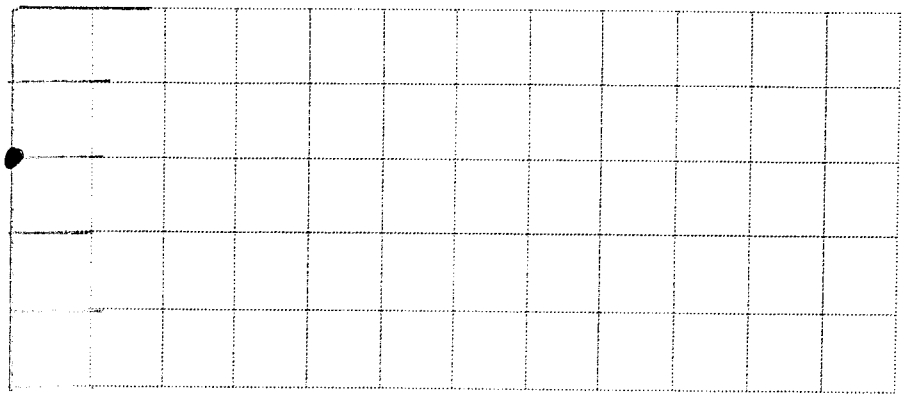


Go down the columns

NE 1	S 1
SE 1	W 1
NE 1	SW 1
SE 1	W 4
NE 1	NW 1
SE 1	W 1
E 1	N1
	E1



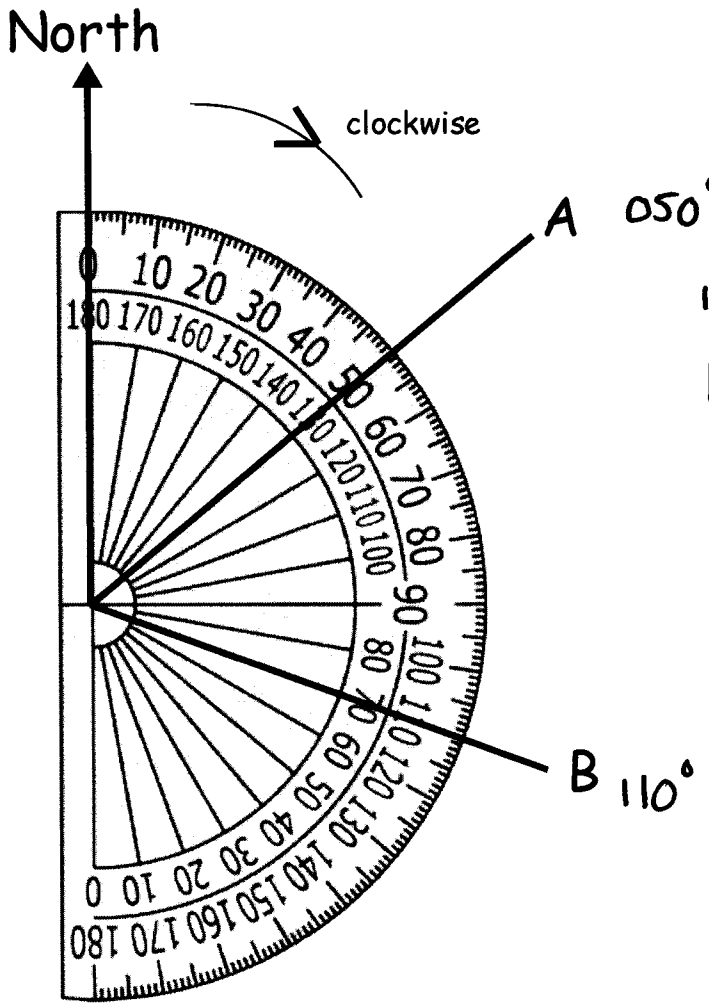
W 4	W 2
SE 3	S1
E 5	
NE 2	
W 1	
NW 2	
N 1	
W 1	
S 1	



E 3	S 1
NE 2	W 5
E 4	N 1
SE 2	W 2
E 1	S 1
S 2	W 1
W 2	N 2
N1	
W 2	

BEARINGS - A bearing is an angle measured from NORTH in a CLOCKWISE direction.
They are always written with 3 FIGURES.

Bearings 000° to 180°

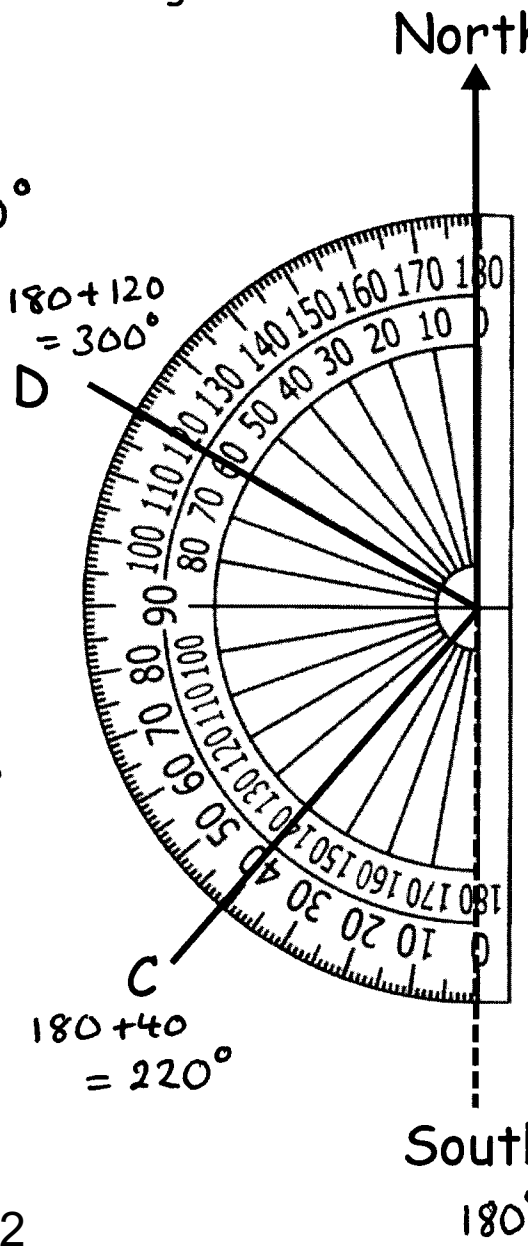


1) Draw 030°

2) Draw 120°

3) Draw 165°

Bearings 181° to 359°



4) Draw 240°

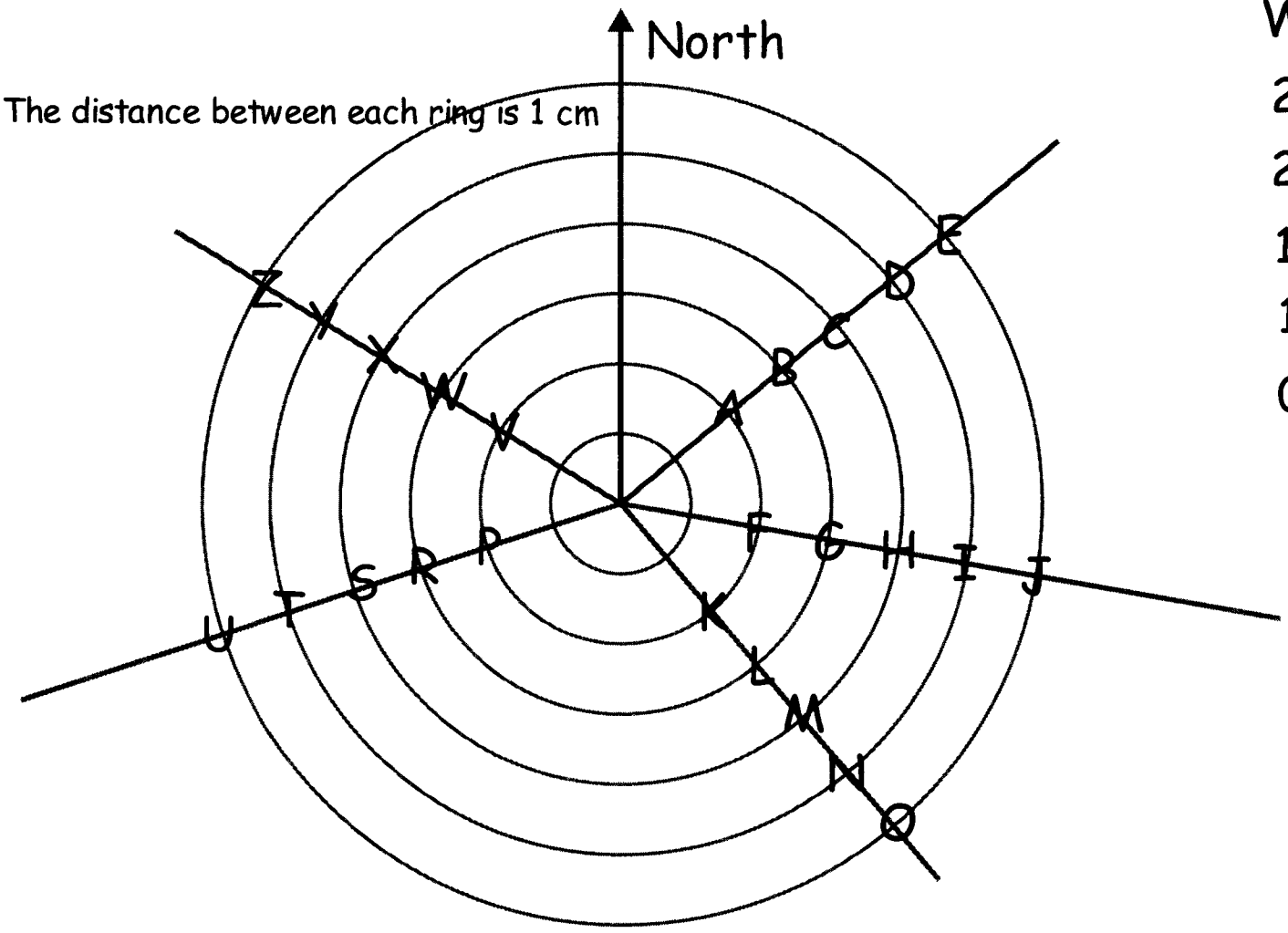
240° - 180° = 60°

Measure 60° from SOUTH

5) Draw 280°

6) Draw 330°

Bearings



Which Letter is at?

250°, 5 cm

250°, 4 cm

140°, 4 cm

100°, 4 cm

050°, 2 cm

Write the bearing and distance of these letters.

J

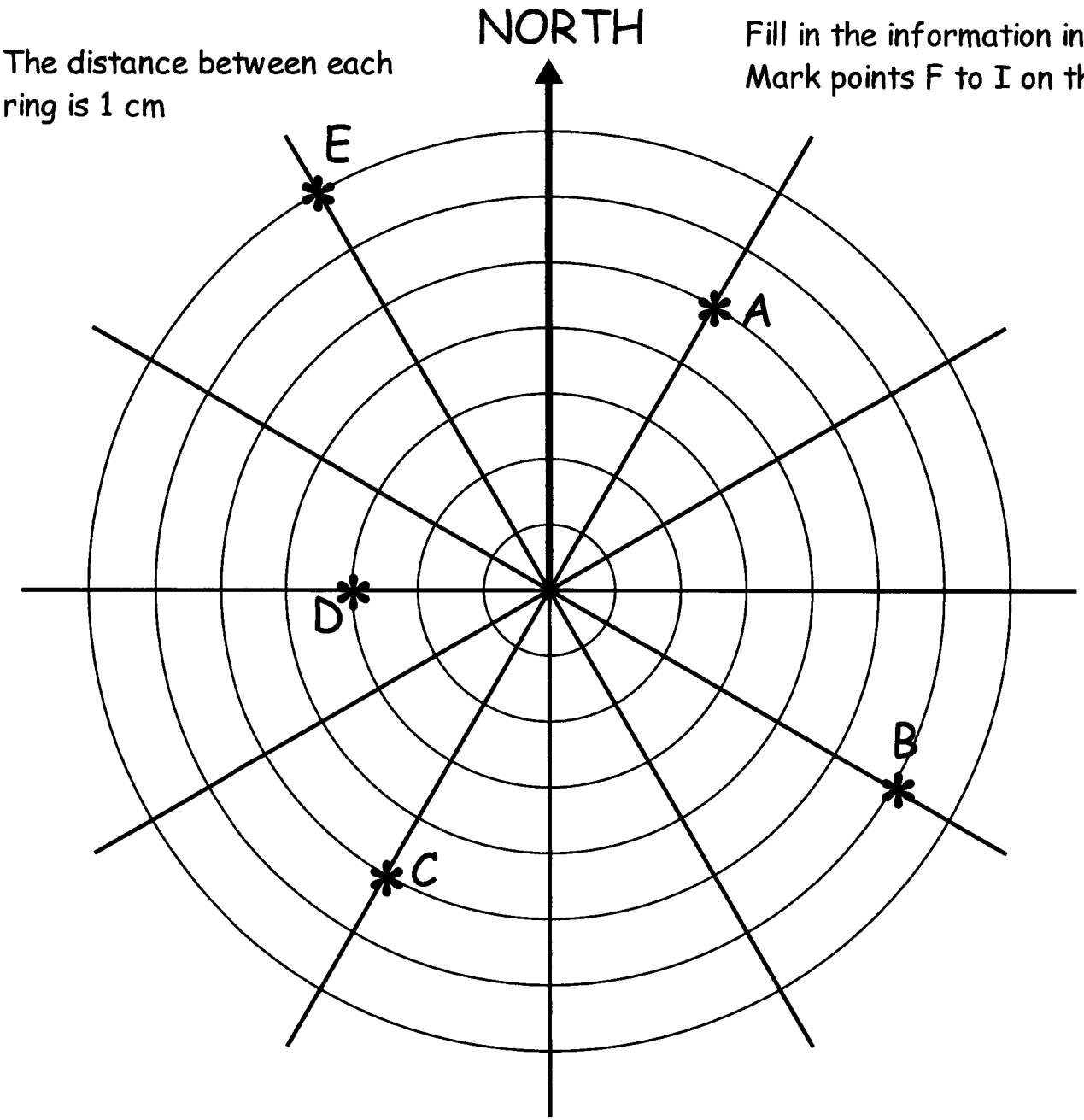
B

F

U

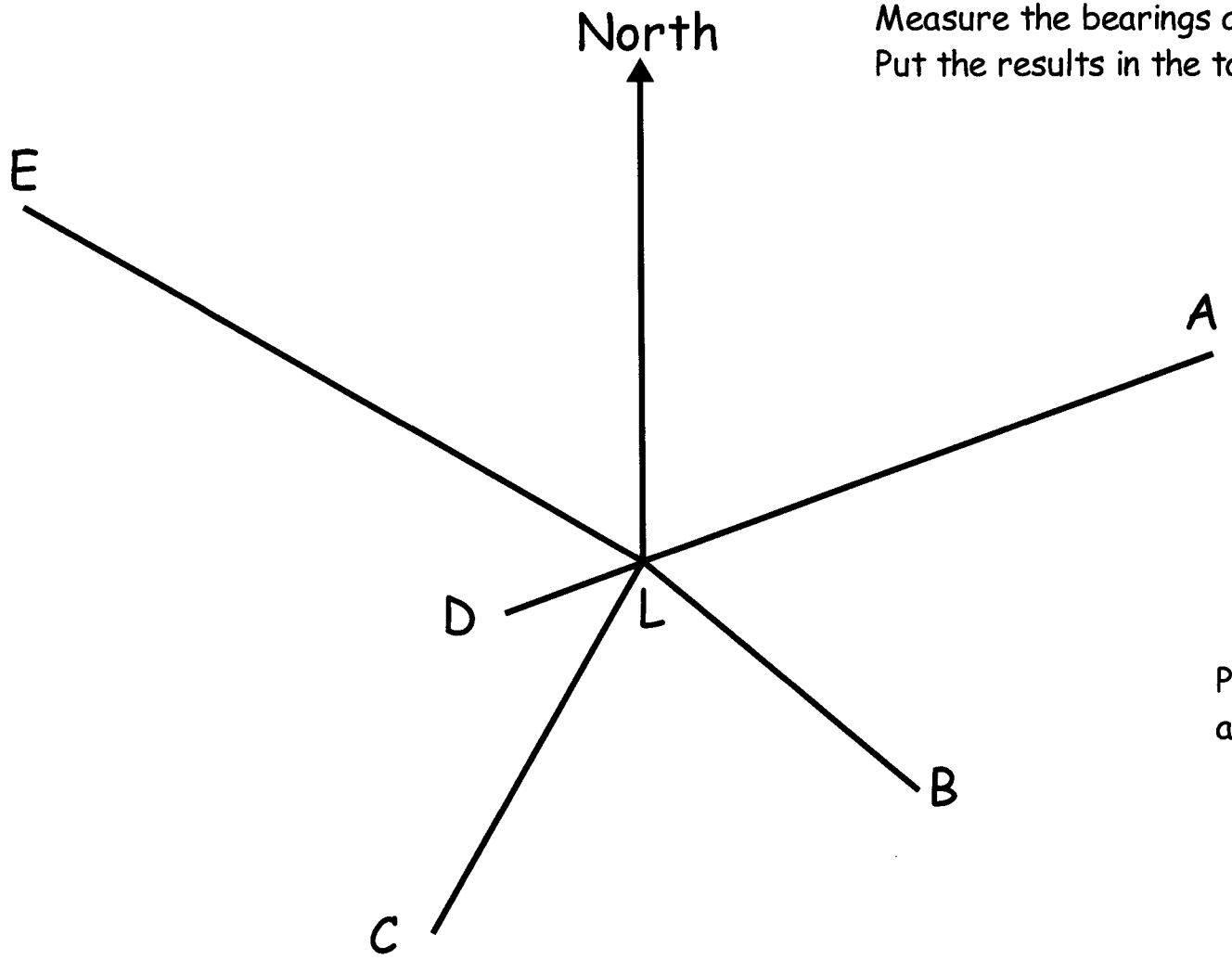
W

The distance between each ring is 1 cm



Fill in the information in the table for points A to E.
Mark points F to I on the diagram

	Bearing	Distance
A		
B		
C		
D		
E		
F	060	2 cm
G	090	6 cm
H	150	7 cm
I	240	3 cm
J	300	4cm



Measure the bearings and distances of the 5 points A to E from L.
Put the results in the table below. The scale is 1 cm = 1 km

Point	Bearing	Distance (km)
A		
B		
C		
D		
E		

Plot these points on the diagram. The bearings and distances are from point L

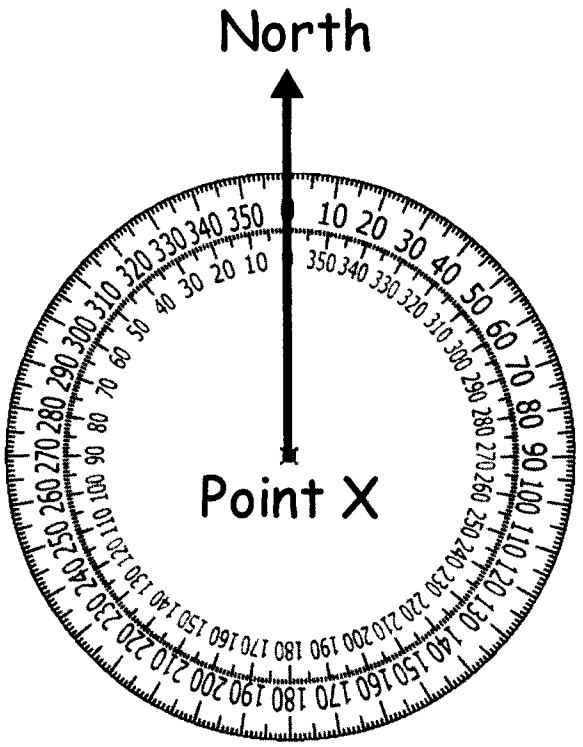
F 040°, 6 km

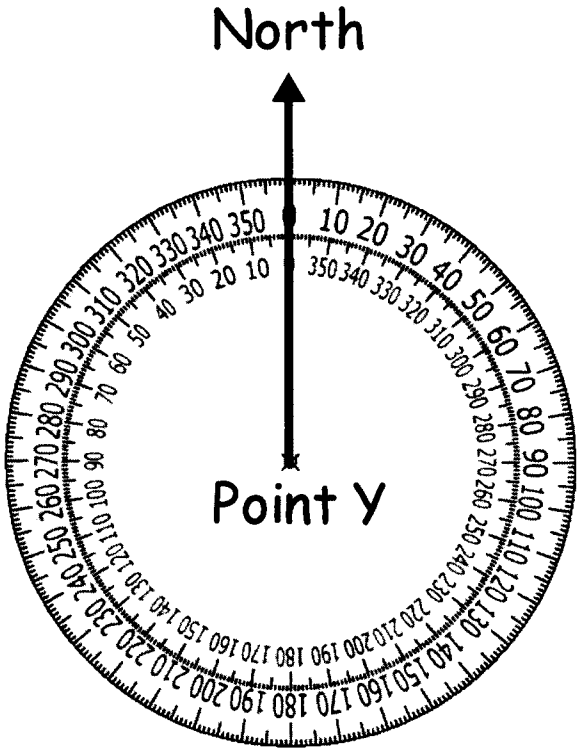
G 100°, 3 km

H 230°, 5 km

I 335°, 4 km

Find where the points A to D are on this diagram by drawing the bearings from points X and Y. The point is where the two lines cross

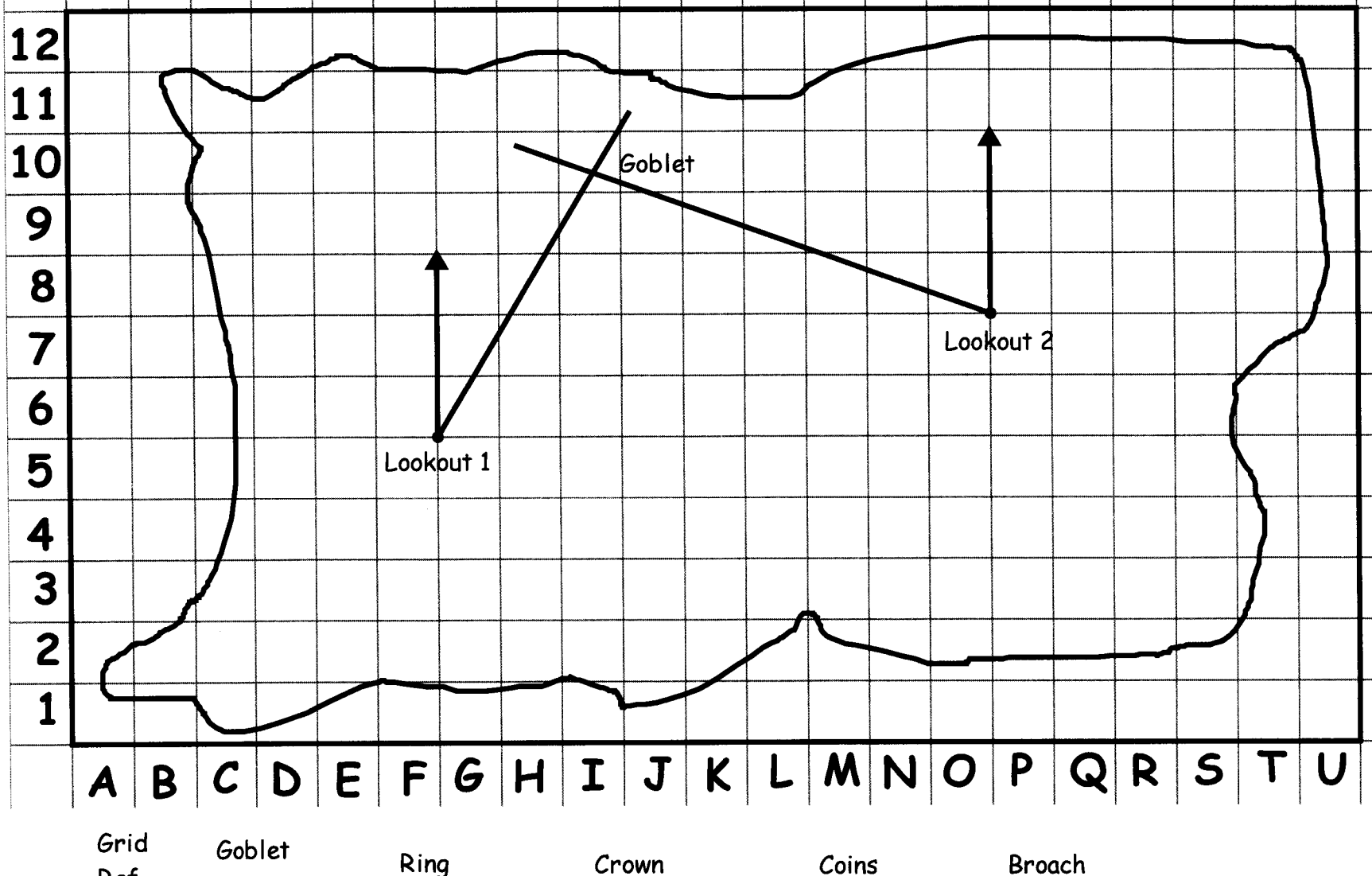




	Bearing from Point X	Point Y
A	040	310
B	140	260
C	070	020
D	240	270

Find the 5 pieces of buried treasure on the Island

The Goblet has already been done



Treasure	Bearing from lookout 1	Bearing from lookout 2
Goblet	030	290
Ring	340	280
Crown	070	045
Coins	110	210
Broach	200	250

Treasure	Distance from lookout 1	Distance from lookout 2
Goblet		
Ring		
Crown		
Coins		
Broach		

Grid Ref.

Goblet I 10

Ring

Crown

Coins

Broach