

Bearings:

To find or plot a bearing you must remember the three key words:

1) 'FROM'

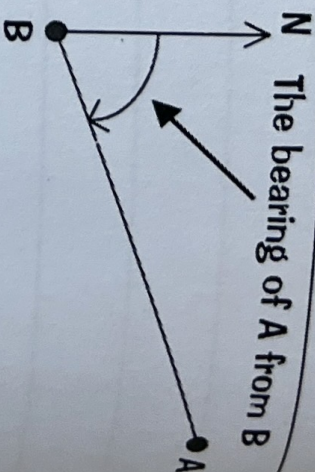
Find the word 'FROM' in the question, and put your pencil on the diagram at the point you are going 'from'.

2) 'NORTHLINE'

At the point you are going 'FROM', draw in a NORTHLINE. (There'll often be one drawn for you in exam questions.)

3) 'CLOCKWISE'

Now draw in the angle CLOCKWISE from the northline to the line joining the two points. This angle is the required bearing.

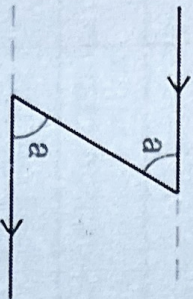


ALL BEARINGS SHOULD BE GIVEN AS 3 FIGURES

e.g. 176°, 034° (not 34°), 005° (not 5°), 018° etc.

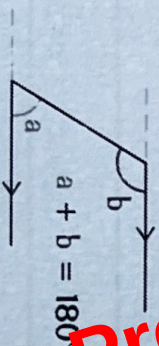
Angles on Parallel Lines:

ALTERNATE ANGLES

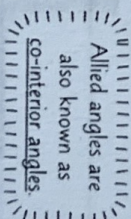


Alternate angles are the same.
They are found in a Z-shape.

ALLIED ANGLES

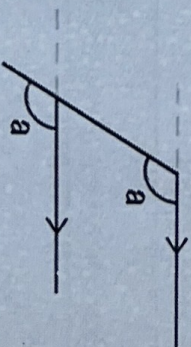


Allied angles add up to 180°.
They are found in a C- or U-shape.



Allied angles are also known as co-interior angles

CORRESPONDING ANGLES



Corresponding angles are the same.
They are found in an E-shape.