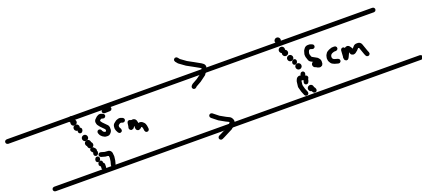


8.1 Constructing Parallel Lines - Notes

Parallel Lines:

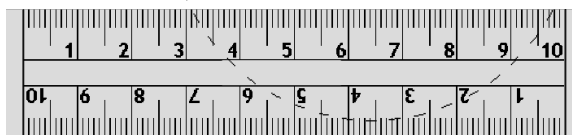
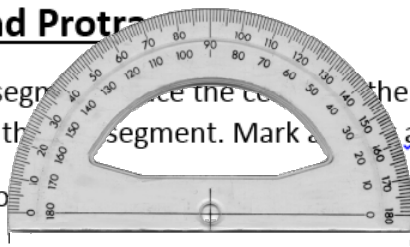
- ① lines on the same flat surface that
- ② never meet.
- ③ They are always the same distance apart.

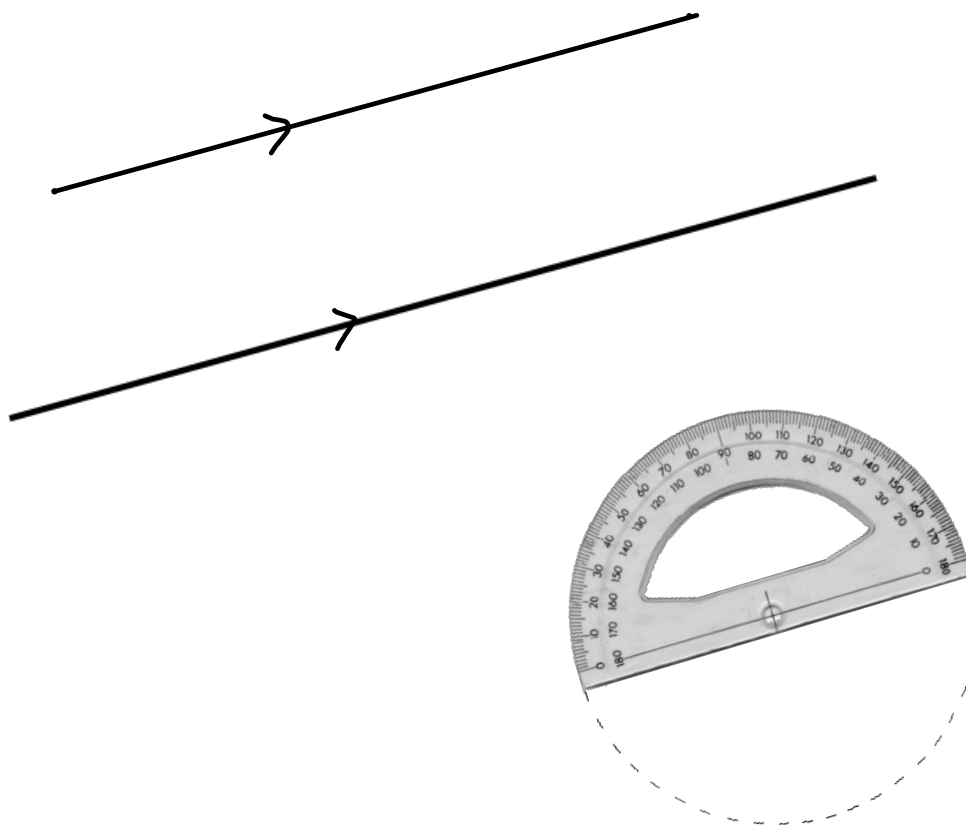


Method 1 – Ruler and Protractor

Choose a point on the line segment. Place the center of the protractor on the point. Align the base of the protractor with the line segment. Mark a point at 90° .

Repeat these steps once more on the other end of the line segment parallel to the original line segment.



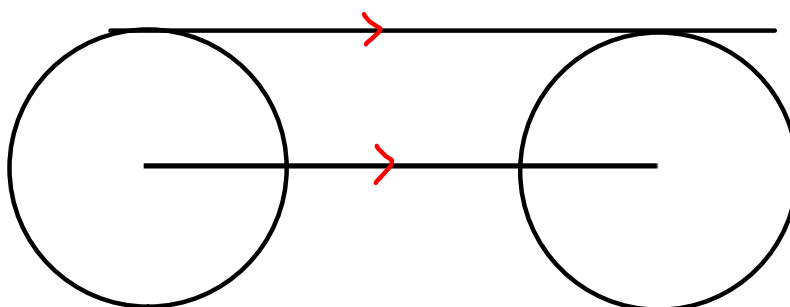
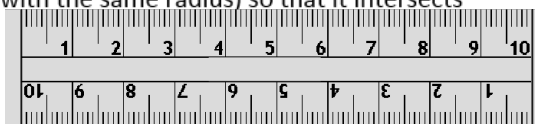


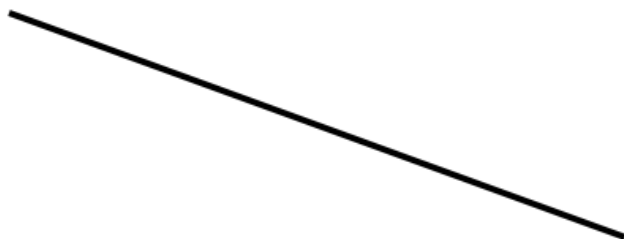
Method 2 – Ruler and Compass

Label the endpoints of the line segment A and B. Place the tip of your compass on A and stretch it out so the pencil is on B (this is the radius). Make an arc above line AB.

Keeping the compass the same distance apart, place the tip on point B and make another arc above line AB until it intersects the first arc. Label the intersection point D.

Place the compass tip on D and make another arc (with the same radius) so that it intersects the previous arc. Label this point C. Join C and D.





Method – Ruler

Label the endpoints of the line segment A and B. For the second line segment, draw a line segment along the other edge of the ruler.

