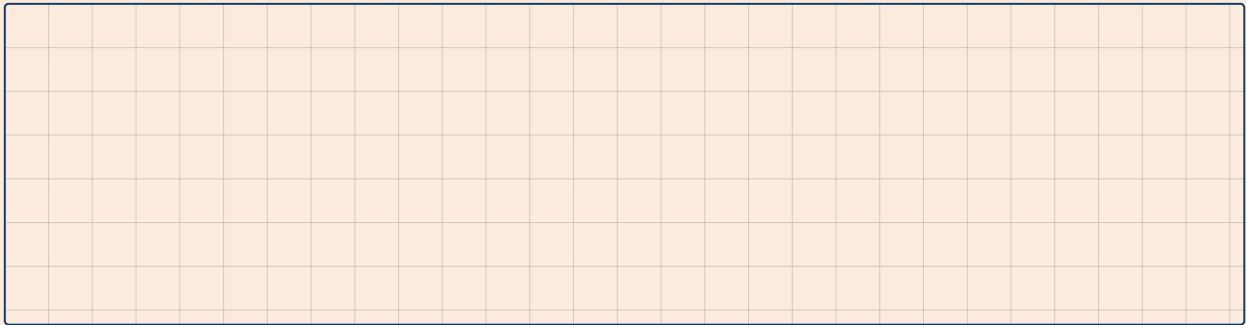


CONSTRUCT A 90 DEGREE ANGLE

- 1 Rule a straight baseline and mark the vertex at the left end.
- 2 Place the protractor so the centre is on the vertex and the baseline aligns with zero.
- 3 Count from zero up to 90 and mark a dot at that point on the scale.
- 4 Join the vertex to the 90 degree dot with a ruler.

WARM-UP

Use your protractor in the space below.

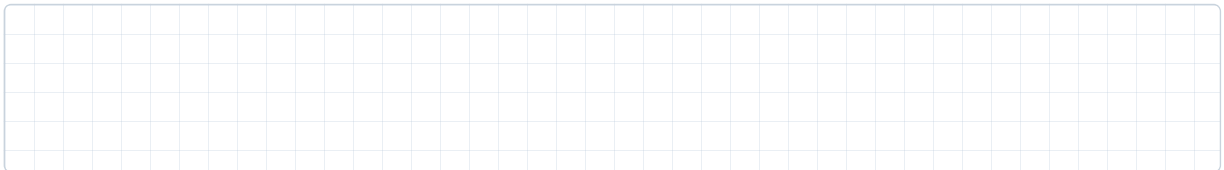


1. Rule a baseline and mark its vertex at the left end.
2. Construct an angle of 50° on it.
3. Rule a second baseline and construct an angle of 120° .

PRACTICE

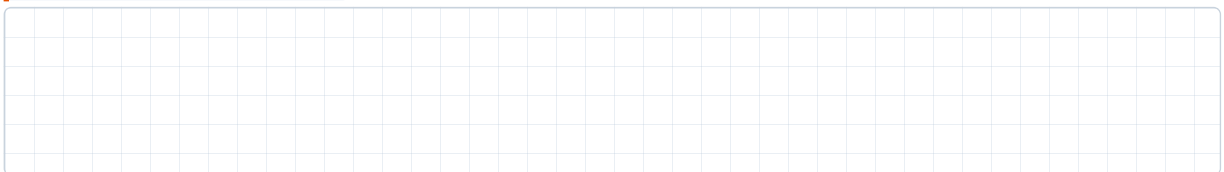
- 1 In the classroom, rule a baseline on your page and construct a **30 degree** angle to show the tilt of a book.

Construct a 30 degree angle.



- 2 In the classroom, rule a baseline and construct a **75 degree** angle for the slope of a ramp.

Construct a 75 degree angle.

**? ALWAYS, SOMETIMES, NEVER**

Always, sometimes or never true? Write A, S or N.

- | | |
|---|---|
| a. You begin constructing an angle by drawing a straight baseline. ☐ | c. A 90 degree angle drawn carefully with a protractor measures 80 degrees when checked. ☐ |
| b. You count from zero on the protractor scale to mark the correct degree. ☐ | d. To draw a 135 degree angle, you use the outer scale of the protractor. ☐ |

