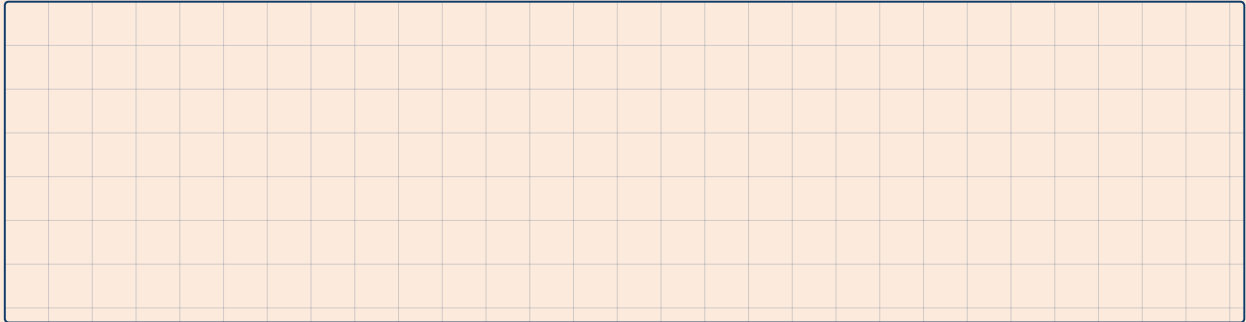


TESTING AN ANGLE WITH YOUR PAPER RIGHT-ANGLE TESTER

- 1 Draw the angle formed by two pieces of wood.
- 2 Place the square corner of your tester exactly on the angle point.
- 3 Check if the tester fits inside the angle, matches it, or sits outside it.

WARM-UP

Use the squared space to draw and test each angle yourself.



1. Draw the shelf angle from the bookcase build and test it with a square corner.
2. Draw the ladder angle against the floor and test it with a square corner.
3. Draw the roof beam angle and test it with a square corner.

PRACTICE

- 1 In the bookcase build, the shelf joins the side at an angle that fits inside the paper tester.

Is the angle where the shelf meets the wall smaller than a right angle?

- 2 The carpenter sharpens the chisel to a point that opens wider than the square corner tester.

Is the angle at the tip of the chisel bigger than a right angle?

- 3 The builder leans the ladder against the wall making an opening that the tester shows is wider than a square corner.

Sort the angle between the ladder and the floor: smaller, right, or bigger?

ALWAYS, SOMETIMES, NEVER

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

- | | |
|---|---|
| <p>a. An angle bigger than a right angle will always fit inside a paper right-angle tester. <input type="text"/></p> <p>b. A right angle always matches the corner of a folded paper tester exactly. <input type="text"/></p> | <p>c. An angle smaller than a right angle can sometimes be found at the point of a wooden wedge. <input type="text"/></p> <p>d. Every angle formed by two straight lines is either smaller than, equal to, or bigger than a right angle. <input type="text"/></p> |
|---|---|

REFLECT

How do you decide if an angle is smaller or bigger than a right angle?

