

Angles – an angle is an amount of turn

WHAT THIS LESSON TEACHES

An angle is the amount of turn between two lines meeting at a corner. A bigger opening means a bigger angle.

- Opening scissors a little makes a small angle; opening wide makes a big angle.
- Turning to face the window shows the angle as how far you turned.

MODEL THIS ON THE BOARD

COMPARE TWO TURNS

- 1 Start facing front.
- 2 Make a small turn to the side.
- 3 Make a much bigger turn round.
- 4 The second turn has the bigger angle.

DISCUSSION STARTER

REFLECT Does the length of the arms change how big an angle is, or only the turn?

ANSWER KEY

c) the third (wider than square corner)

Q1: all the way

Q2: a full spin

Q3: the child who turns half way round

a) Always — This is the definition of the angle in the lesson.

b) Always — The lesson says a bigger opening is a bigger angle.

c) Never — The lesson shows same opening width gives same angle even if arms differ in length.

d) Always — A square corner is a bigger opening than a small turn.

EXTENSION SHEET · STRETCH ANSWERS

S1: 126° is obtuse

S2: 47° is acute

S3: 158° is obtuse

S4: 15° is acute

S5: 158° is obtuse