Angles, Lines and Symmetry

Grade 4 · 6 questions · step-by-step answers at the end

Name: Date: Score: / 6

USEFUL EQUATIONS

right angle = 90° straight line = 180° full turn = 360° acute < 90° < obtuse < 180°

Questions

Show your working in the space under each question.

1. EASY What kind of angle is 90°?

2. EASY How many degrees are in a half turn?

3. MEDIUM A right angle is split into two angles. One is 40°. What is the other?

4. MEDIUM Are the opposite sides of a rectangle parallel or perpendicular?

5. HARD How many lines of symmetry does an equilateral triangle have?

6. HARD The minute hand of a clock moves from 12 to 4. Through how many degrees does it turn?

Step-by-step answers

Angles, Lines and Symmetry

1. A **right angle**.
2. **180°**.
3. 90 − 40 = **50°**.
4. **Parallel**. (Sides that meet at a corner are perpendicular.)
5. **3**.
6. Each number is 360 ÷ 12 = 30°. 4 × 30 = **120°**.