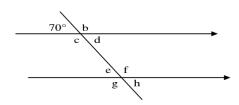
Year 8 Geometry Test
Each question, or part of a question, on the first two pages is worth 1 mark



- 1. Complete the following using the diagram above.
  - (a) d and f are \_\_\_
  - (b) c and f are \_\_\_\_\_ angles
  - (c) b and f are \_\_
  - (d)  $e + f + g + h = ____^\circ$
  - (e) c + e = \_\_\_\_\_°
  - (f) b =\_\_\_\_°
  - (g) f =\_\_\_\_°

## Circle the correct answer

- Angles in a quadrilateral add to 180°
- A C
- B are equal D add to 360°

are equal add to 360°

are equal add to 360°

are equal add to 360°

- are between 0° and 90°
- 3. Corresponding angles add to 180°
- A C are between 0° and 90°
- **4.** Co-Interior angles A add to 180°
- A C
- are between 0° and 90°
- 5. Alternate angles
- add to 180° A C
- are between 0° and 90°
- **6.** Vertically opposite angles A add to 180°
- are between 0° and 90°
- are equal add to 360°

- 7. Find the value of each pronumeral

