



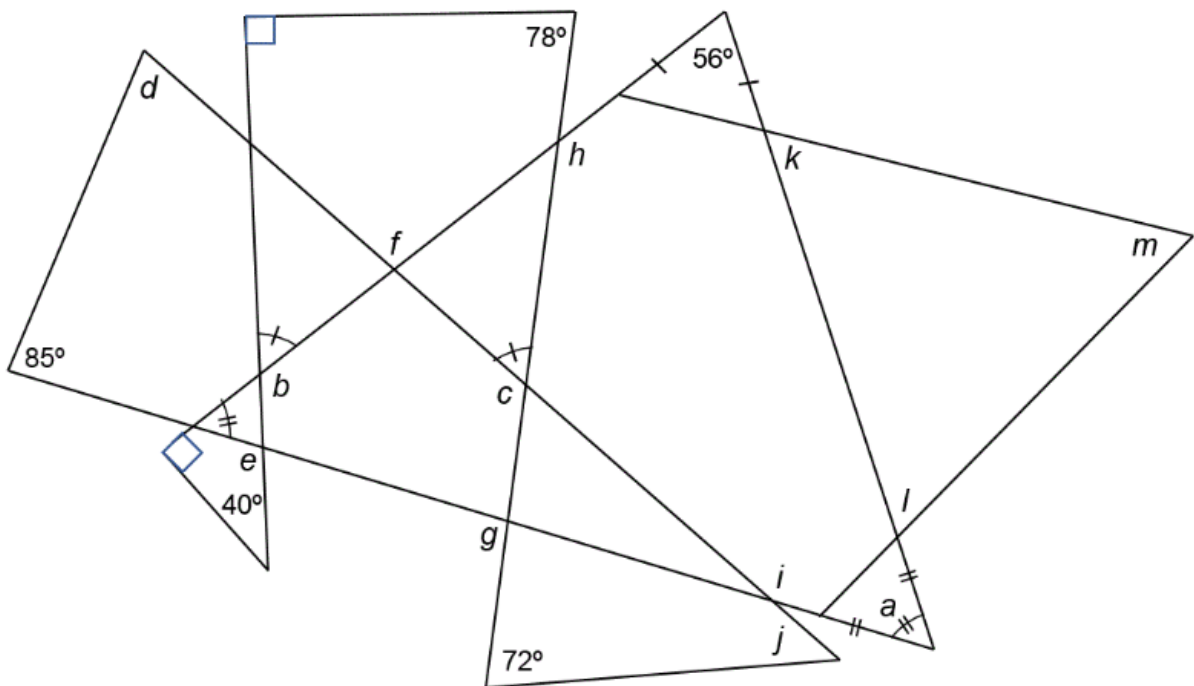
Gordon Burgin's Puzzles

Jan 2021 challenge

Geometry puzzle

Do you know your Geometry? Can you find the measure of each missing angle (a - m) in the diagram below?

Note: Diagram not drawn to scale



- | | | | |
|-----------|-----------|-----------|-----------|
| a = _____ | e = _____ | i = _____ | m = _____ |
| b = _____ | f = _____ | j = _____ | |
| c = _____ | g = _____ | k = _____ | |
| d = _____ | h = _____ | l = _____ | |

Some Geometry basic rules:

- a. Right angle (L) = 90°
- b. Straight line = 180° (along each side).
- c. Triangle = 180° (internal angles).
- d. Quadrilateral (or 4-sided polygon) = 360° (internal angles).
- e. Irregular Pentagon (or 5-sided polygon) = 540° (internal angles).
- f. I, II & III pairs on a lines represents equal lengths.