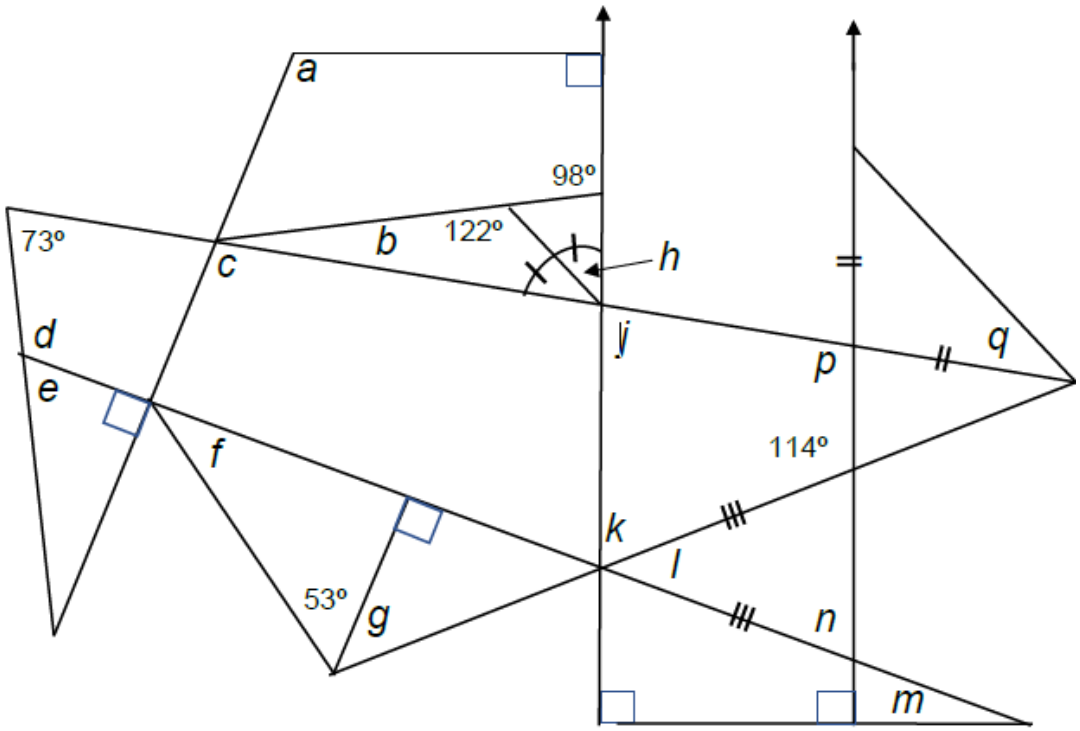


Gordon Burgin's Puzzles

November 2026 challenge

Geometry Challenge

Can you determine the value of each of the missing angles below (a - q), using the Basic Geometry Rules shown below? (Hint: start with angle h)



a = ____

b = ____

c = ____

d = ____

e = ____

f = ____

g = ____

h = ____

i = ____

j = ____

k = ____

l = ____

m = ____

n = ____

o = ____

p = ____

q = ____

Basic Geometry Rules :

1. Right angle (□) = 90º
2. Straight line = 180º (along each side).
3. Triangle = 180º (sum of the 3 internal angles).
4. Quadrilateral (or 4-sided polygon) = 360º (sum of the 4 internal angles).
5. *I, II & III* - pairing lines/angles of equal length/angle.
6. Vertically opposite angles are equal.

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