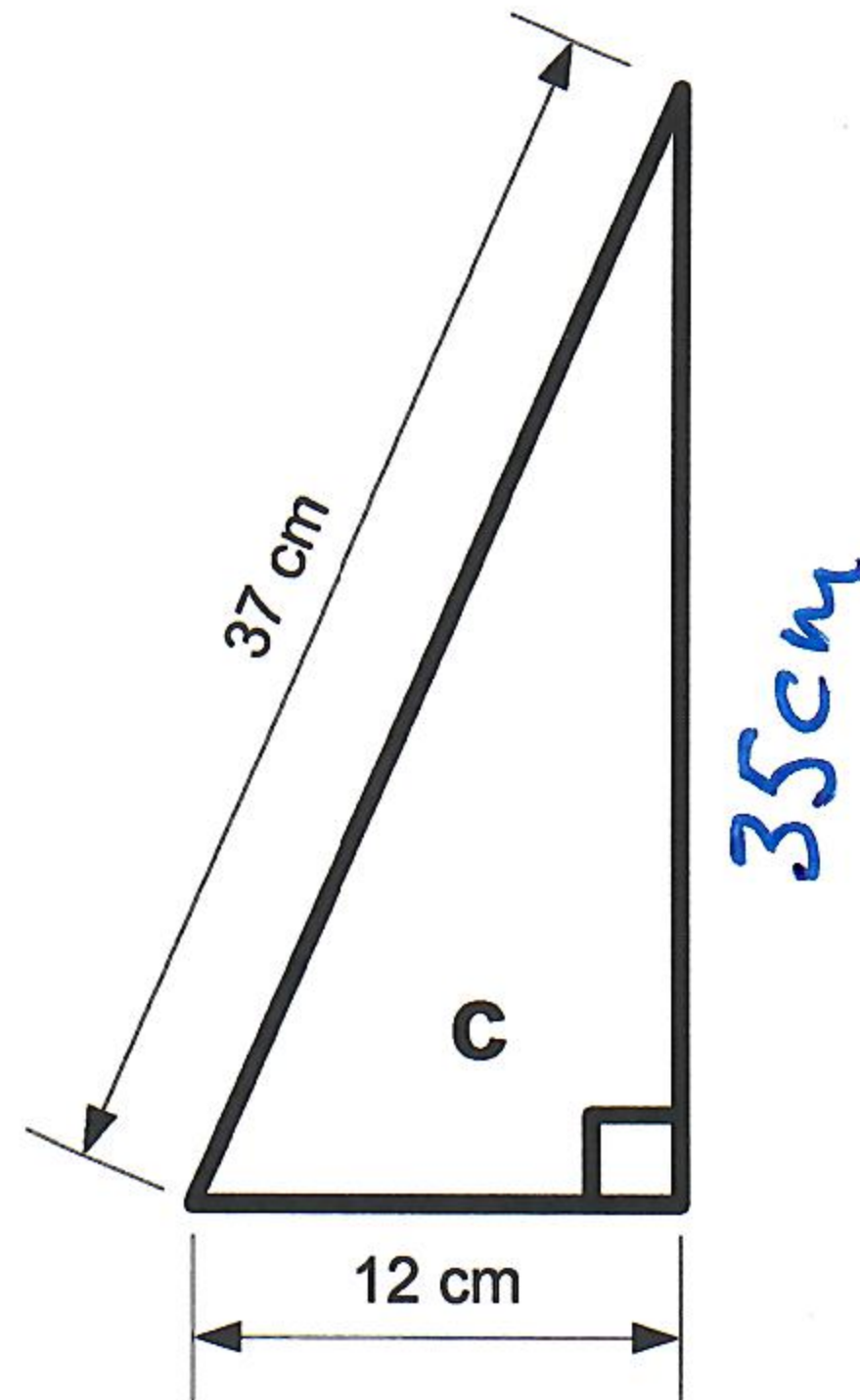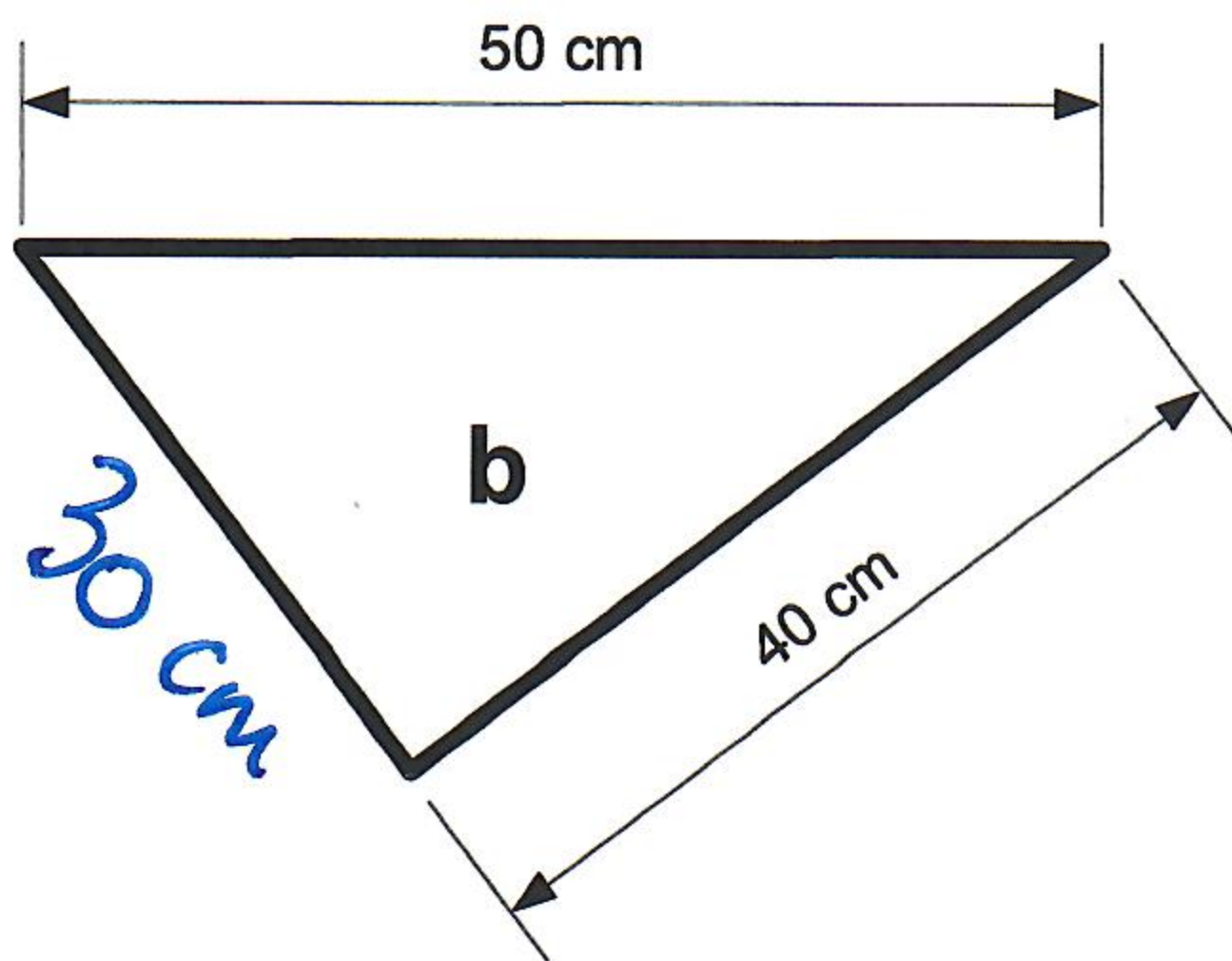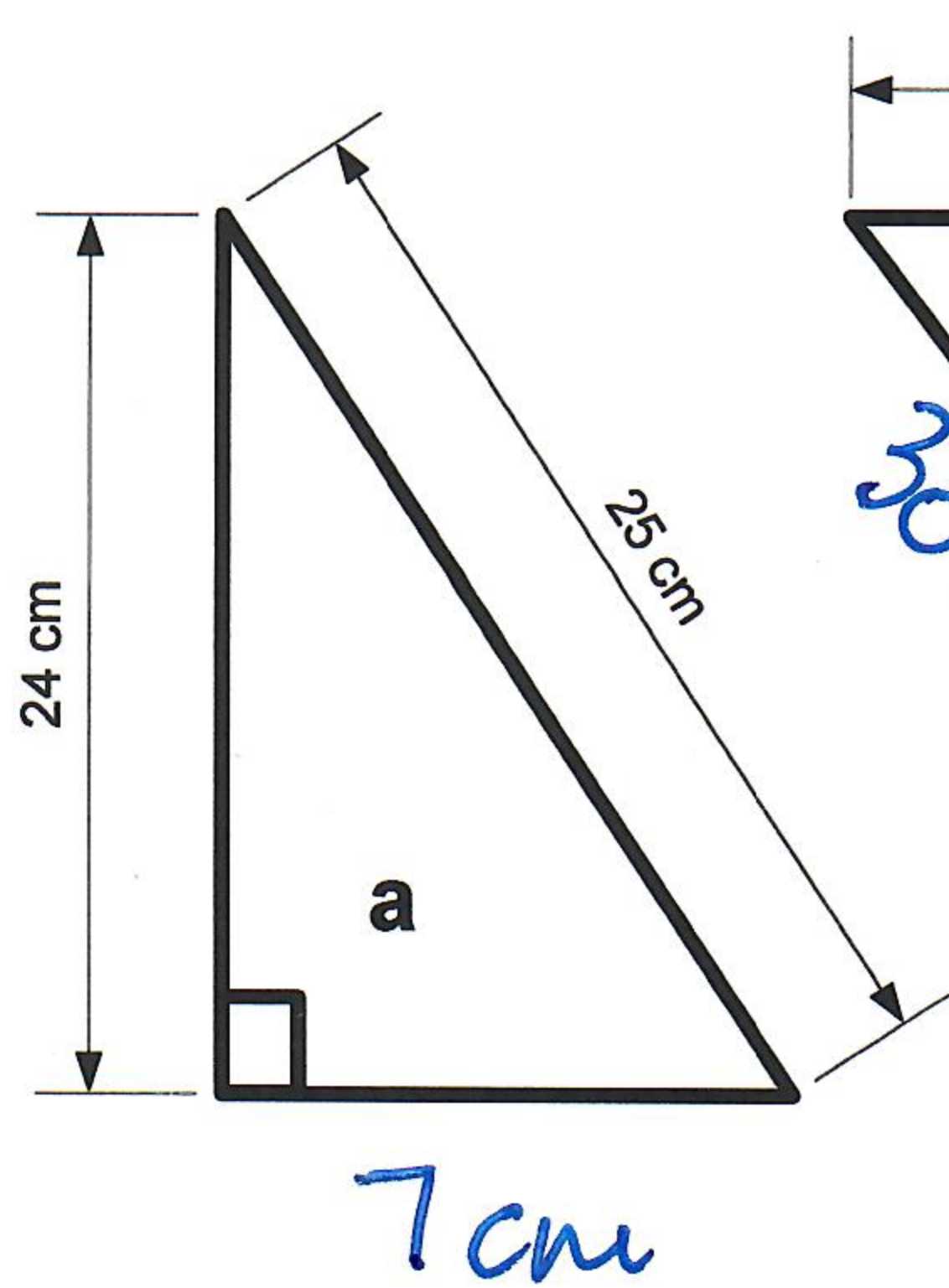Calculating c: $x = \sqrt{a^2 + b^2}$

Calculating a or b: $x = \sqrt{c^2 - b^2}$

a Find the length of the missing side.
b Calculate the perimeter of each shape.
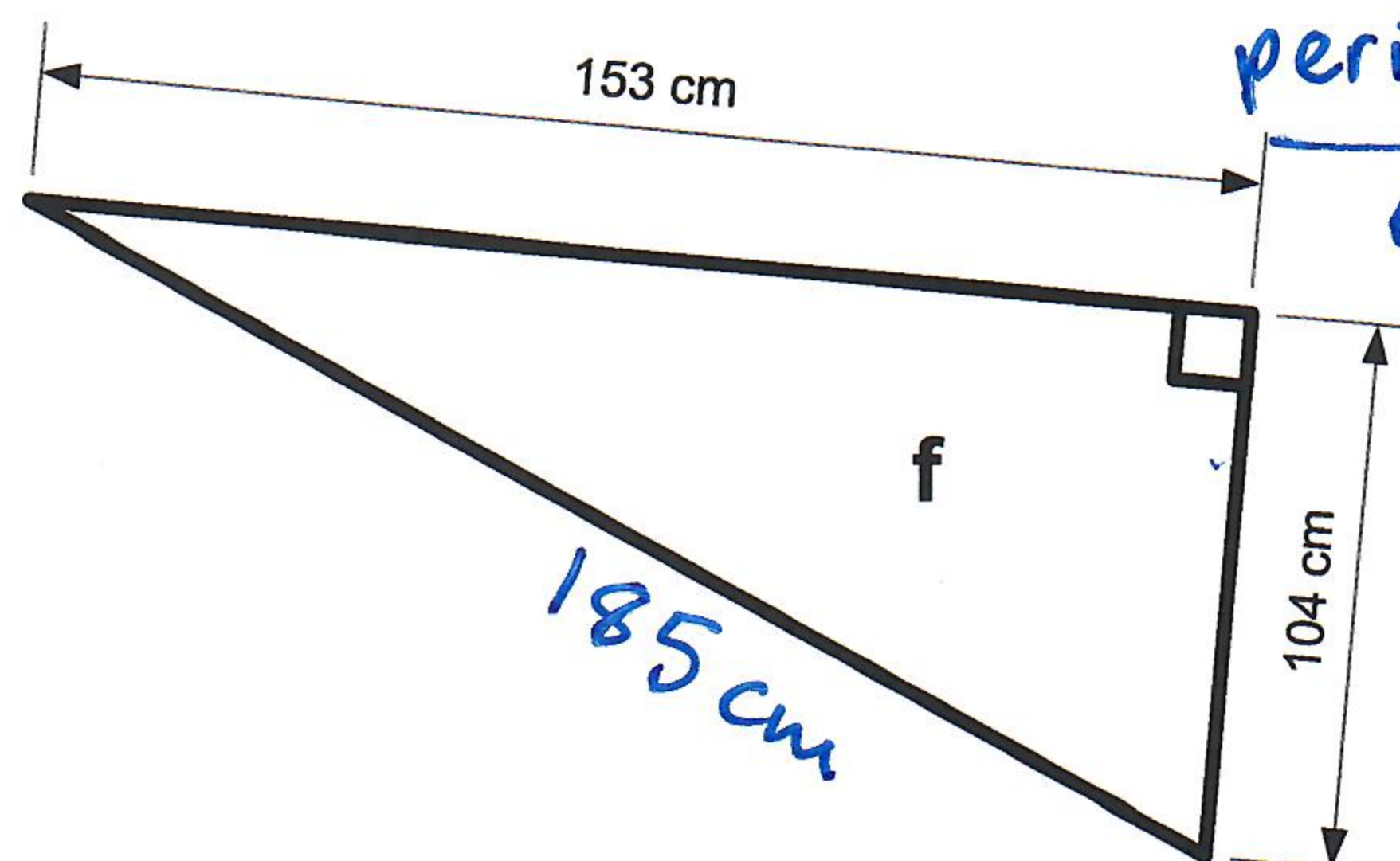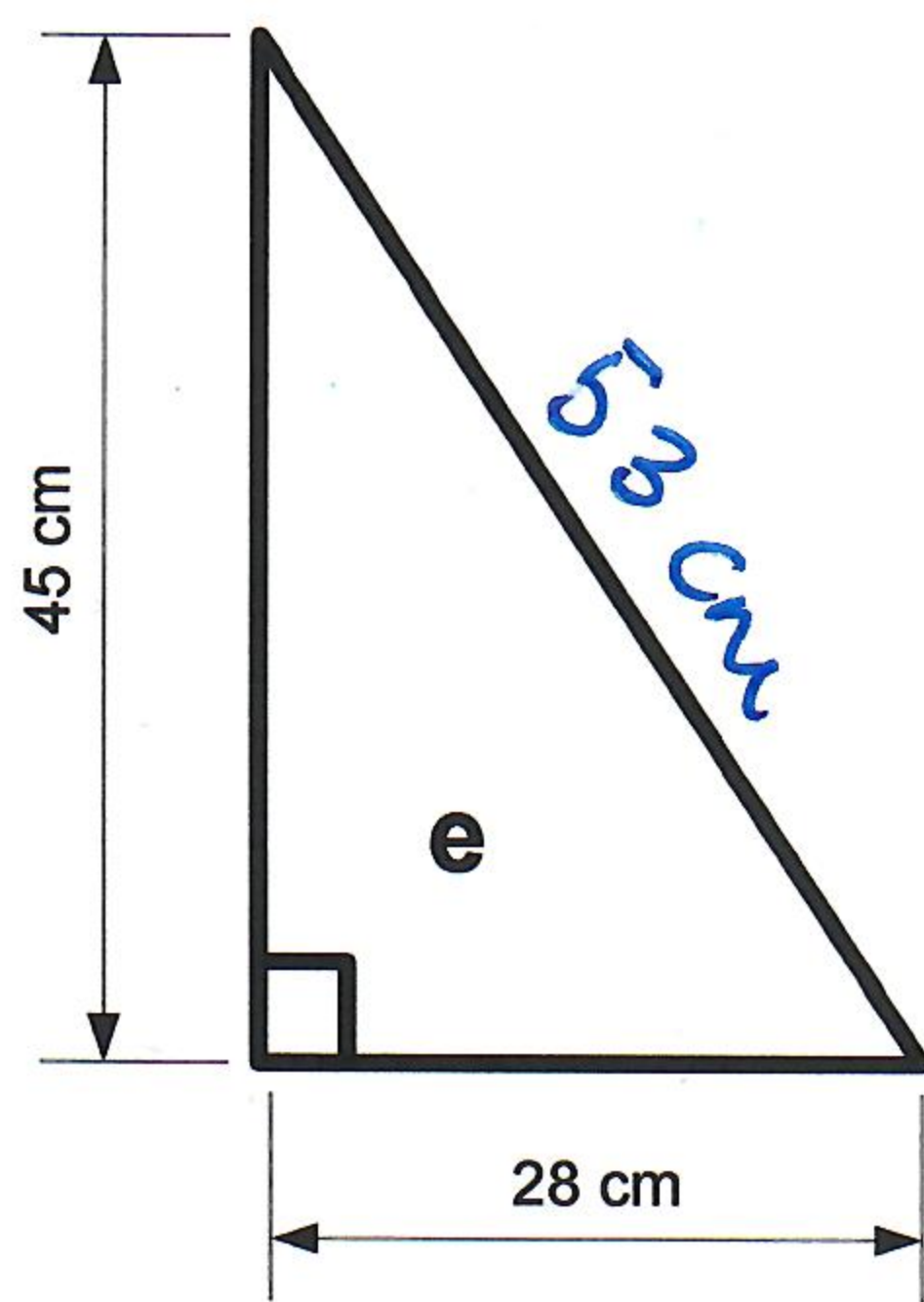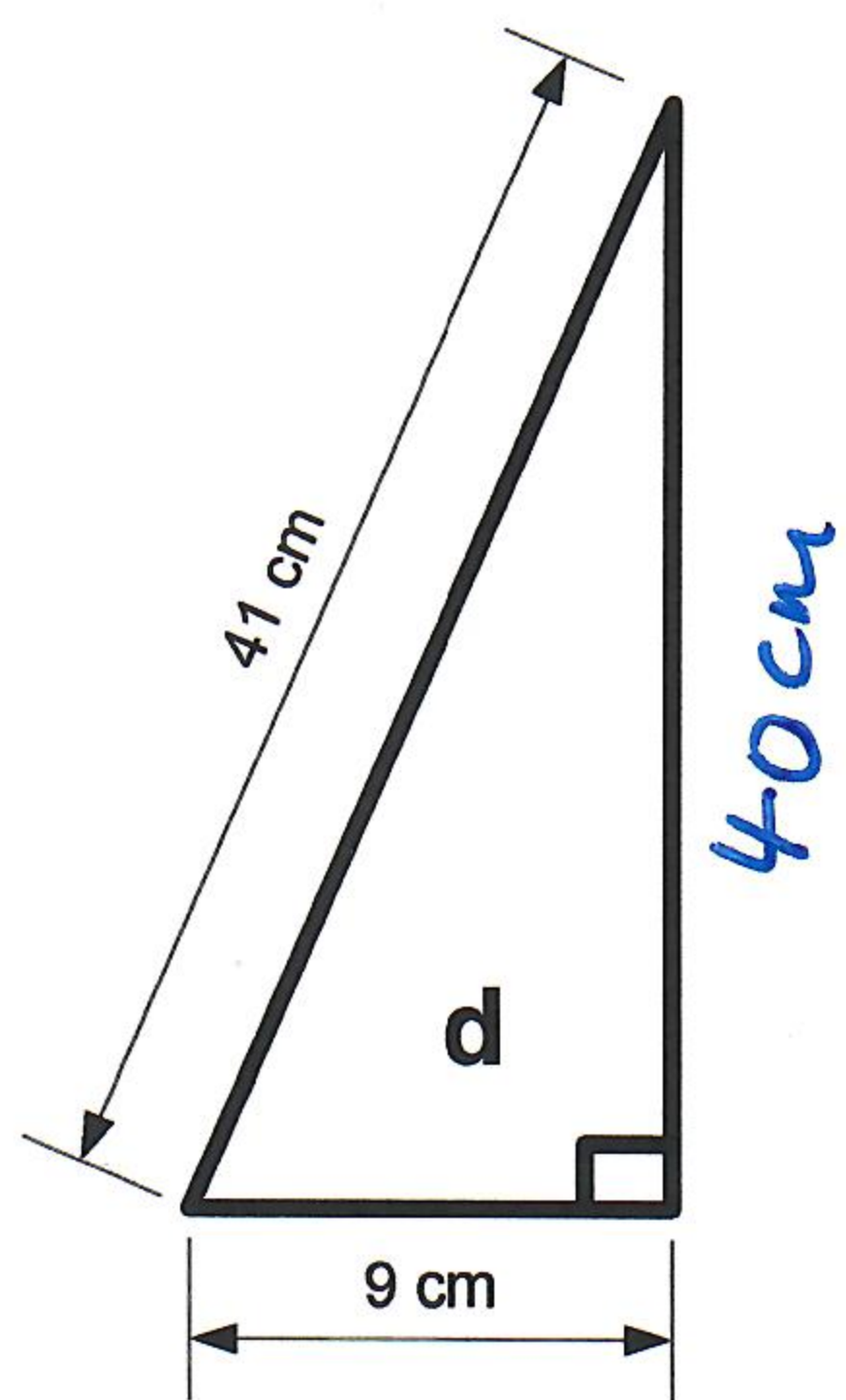**c Calculate the area of each shape.**

DO NOT
SCALE

50 cm

24 cm

25 cm

30 cm

a

b

40 cm

7 cm

37 cm

35 cm

c

12 cm

a area = 84 cm²
 perimeter = 56 cm

b area = 600 cm²
 perimeter = 120 cm

c area = 210 cm²
 perimeter = 84 cm

d area = 180 cm²
 perim = 90 cm

e area =
 630 cm²
 perimeter
 = 78 cm

41 cm

40 cm

45 cm

53 cm

d

9 cm

e

28 cm

153 cm

f

104 cm

185 cm

f area = 7956 cm²
perimeter = 442 cm

g area = 486 cm²
 perimeter = 108 cm

45 cm

36 cm

89 cm

77 cm

85 cm

g

27 cm

39 cm

h

80 cm

i

36 cm
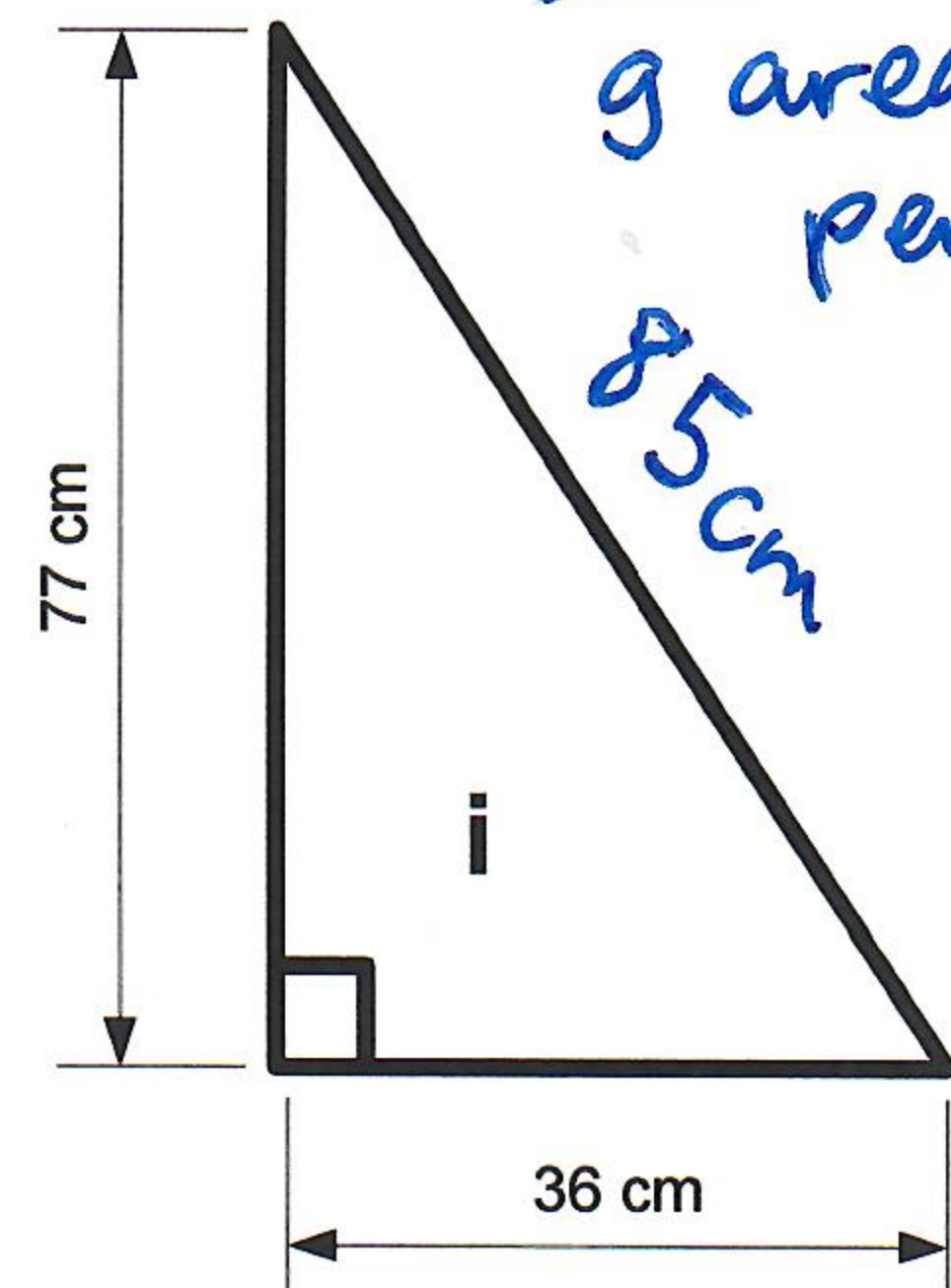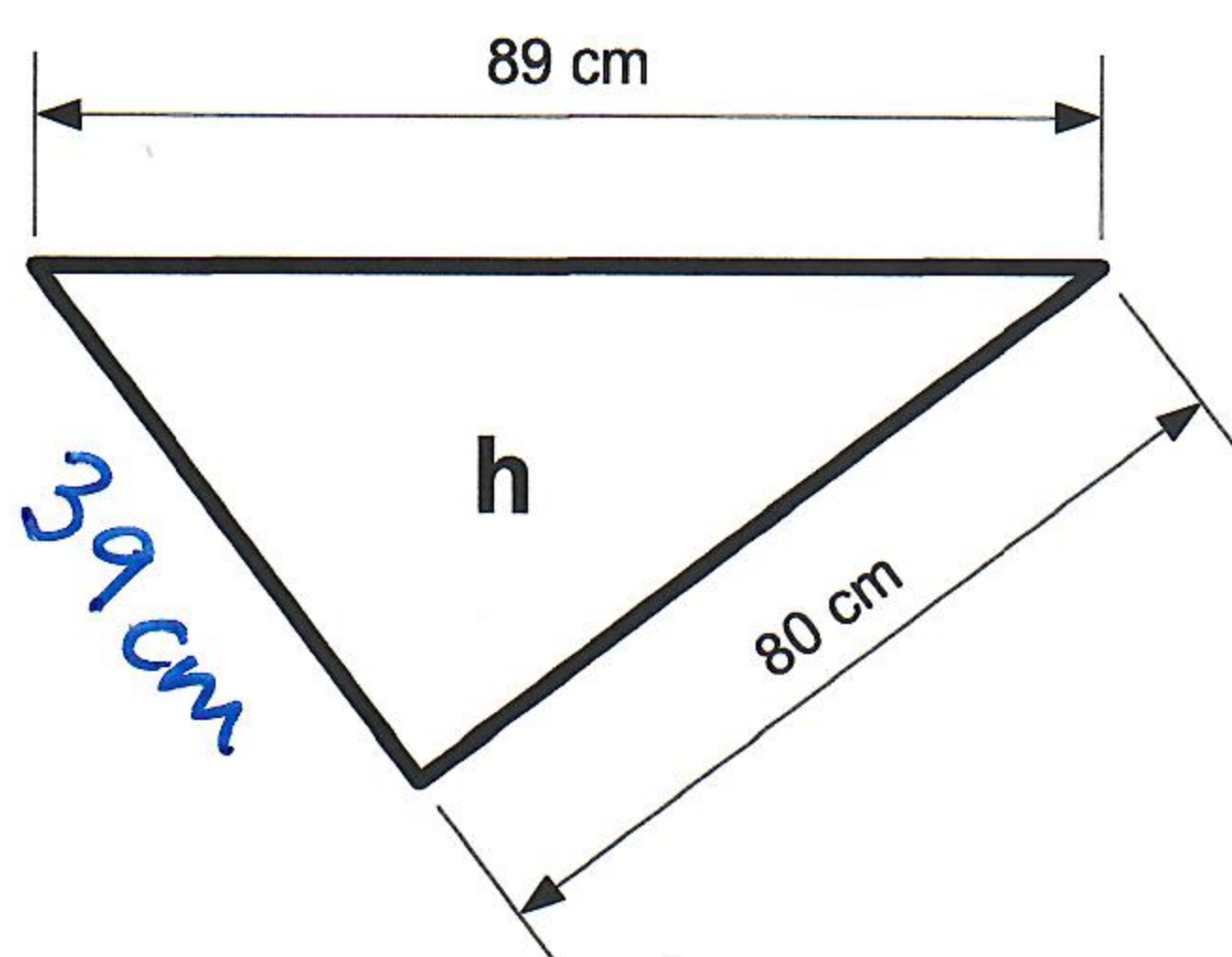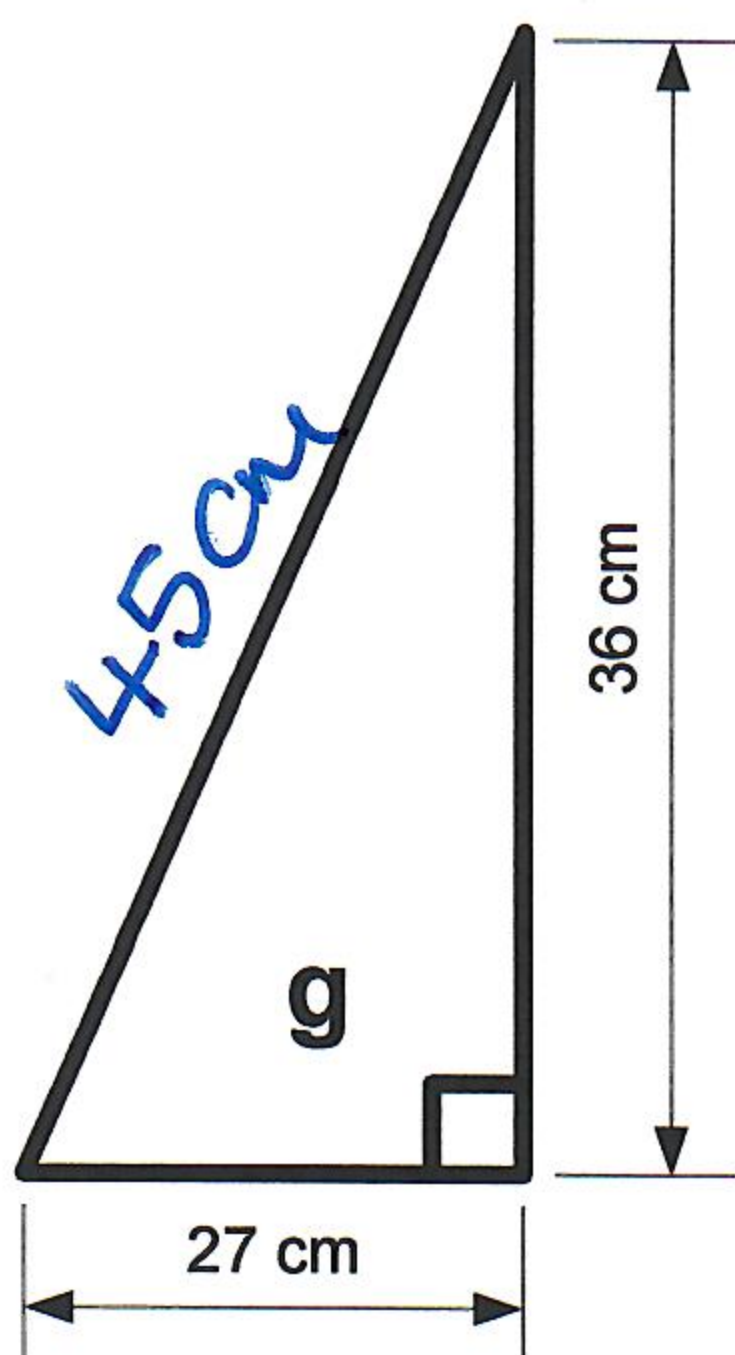
h area = 1560 cm²
perimeter = 208 cm.

i perimeter = 198 cm
 area = 1386 cm²