MATHS·SCHOOL

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Name:

Work out the lettered angles for each of the following:

a)
68°
$a°$

68º

b)
118°
$b°$

118º

c)
108°
$c°$

108º

d)
115°
$d°$

115º

e)
81°
$e°$

81º

f)
$f°$
105°

105º

g)
77°
$d°$

77º

h)
$h°$
88°

88º

i)
$i°$
122°

122º

j)
63°
$j°$

63º

k)
46°
$k°$

46º

l)
52°
$l°$

52º

m)
62°
$m°$

62º

n)
$n°$
42°

58º
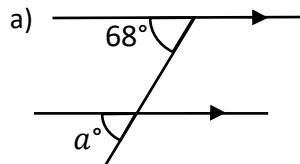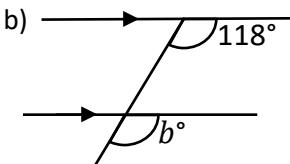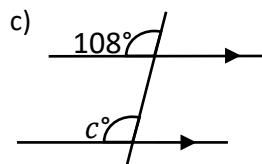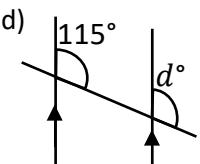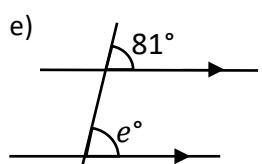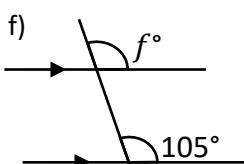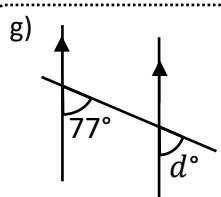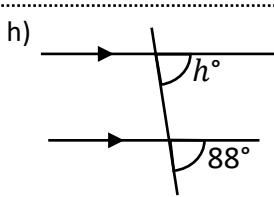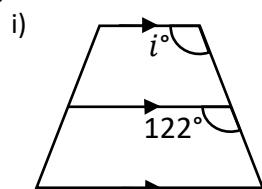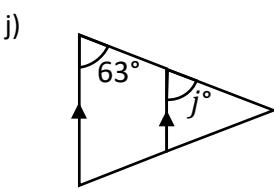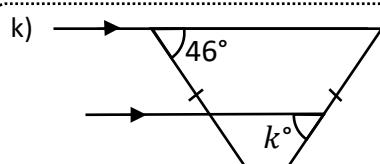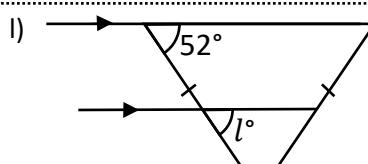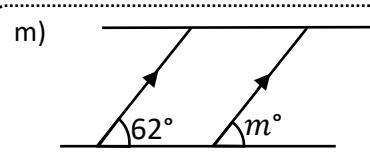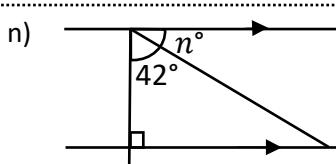
📋 **Exam question:**
The diagram shows two similar triangles - ACE and BCD.

Calculate the angle x and clearly explain the reasoning for your answer

A
B
C
70°
$x°$
D
E
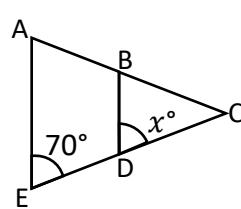
70º – Corresponding angles are equal