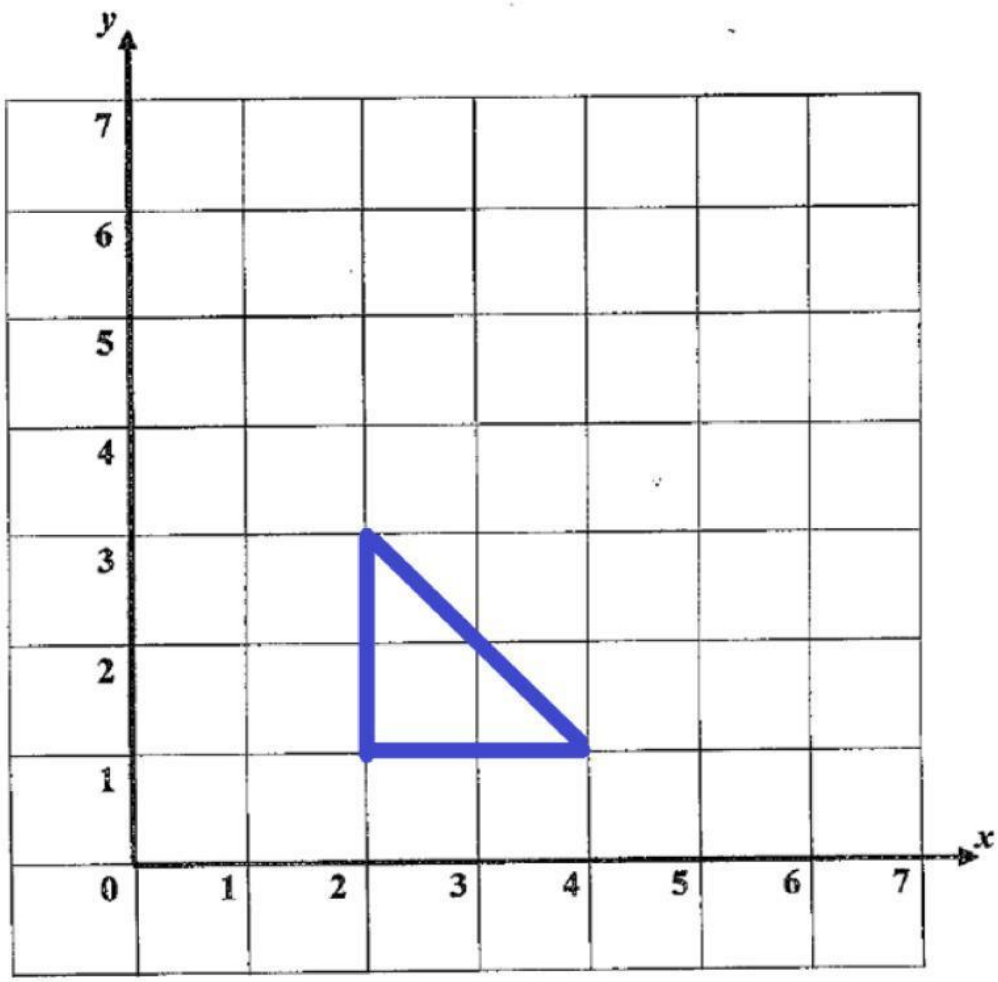
11. (a) Plot, label and join the following points on the grid below.

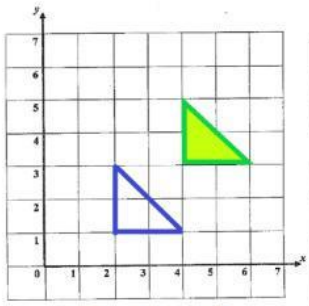
A(2, 3) B(2, 1) C(4, 1).



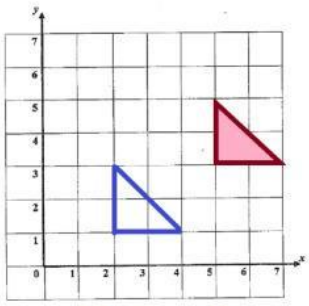
[3]

(b) Give the special name of this triangle.

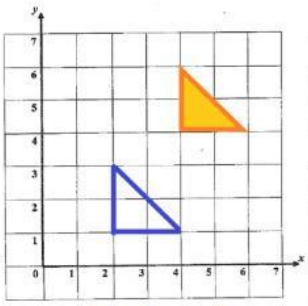
(c) Move triangle *ABC* 2 units to the right and 3 units up. [2]



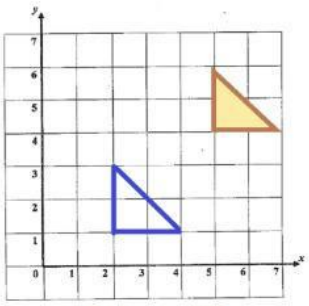
Option A



Option B



Option C



Option D

11. (a) Find the product of 84 and 7

Answer: _____ [2]

LIVEWORKSHEETS

(b) Divide 2214 by 3

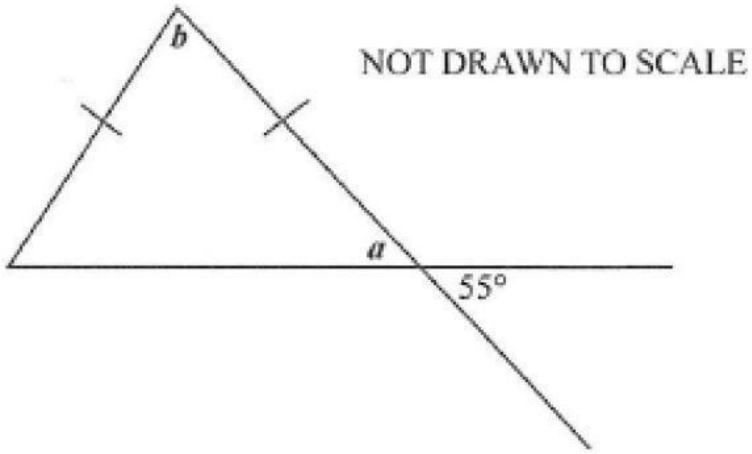
Answer: _____ [1]

(c) Find the sum of your answers from part (a) and part (b)

Answer: _____ [2]

11. Calculate the size of.

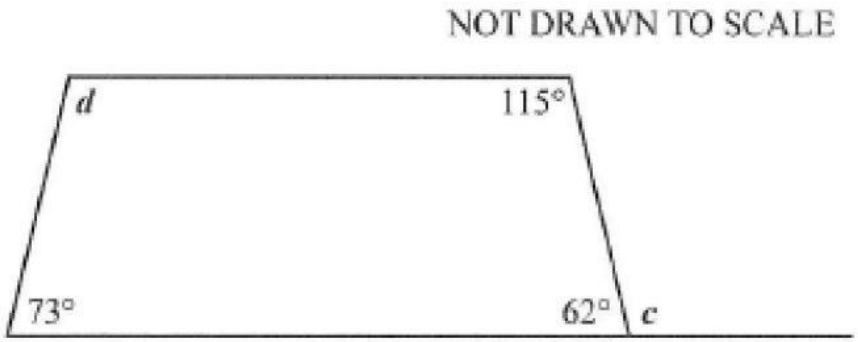
(a)



(i) Angle *a* _____ ° [1]

(ii) Angle *b* _____ ° [3]

(b)

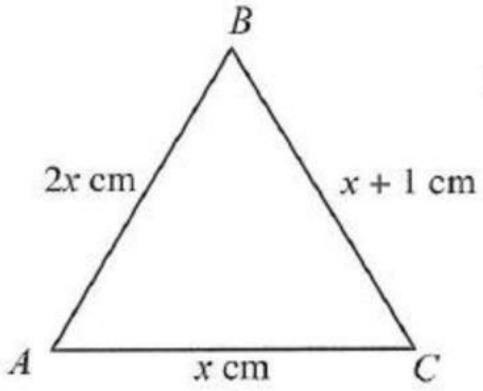


(iii) Angle *c* _____ ° [2]

(iv) Angle *d* _____ ° [2]

LIVEWORKSHEETS

11. The sides of a triangle are x cm, $2x$ cm and $x + 1$ cm.



NOT TO SCALE

(a) The perimeter of the triangle is 49 cm.

Form an equation to represent this.

+ + =

Answer: _____ [2]

(b) Solve your equation to find the value of x.

Answer: _____ [3]

(c) State the length of the sides:

AB = _____ cm [1]

BC = _____ cm [1]

11. (a) Use the set symbols in the box below to make the statements that follows true.

$\emptyset$ $\subset$ $\in$

(i) 7 _____ {prime numbers} [1]

(ii) {2, 4} _____ {factors of 8} [1]

LIVEWORKSHEETS

(iii) {month with 35 days} = _____ . [1]

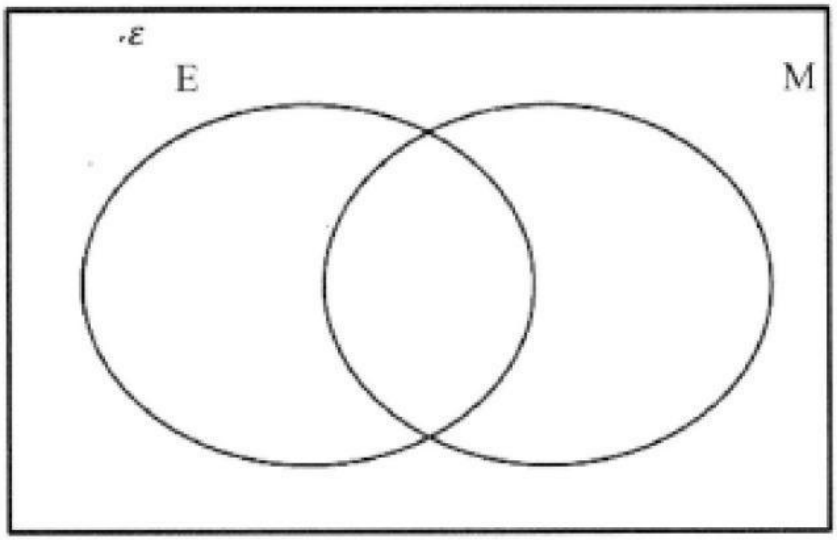
(b) In a class of 60, students were asked to identify their favourite subject.

25 chose Mathematics (M) only

15 chose both subjects

32 students chose English (E)

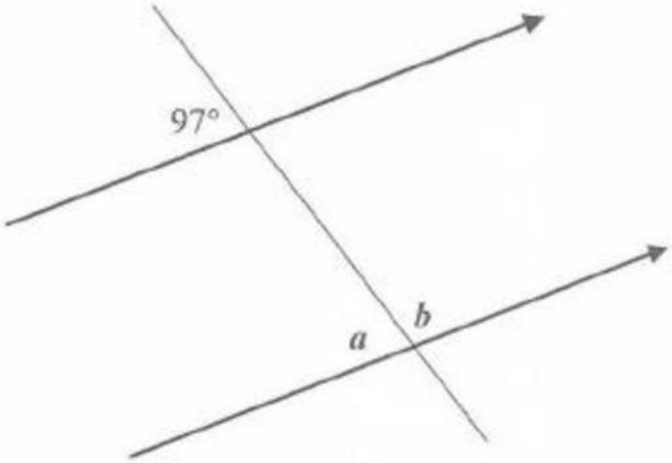
(i) Use the information above to complete the Venn diagram below. [4]



(ii) Write down the number of students that liked neither subject?

Answer: _____ [1]

11. Calculate the size of the angles marked by letters.

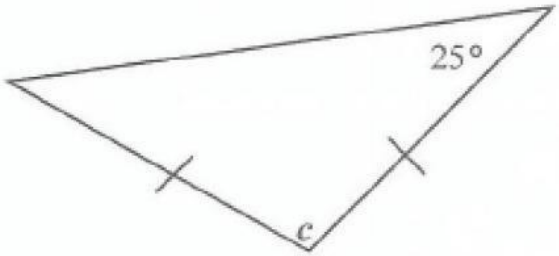


NOT TO SCALE

Answer: a = _____ ° [1]

Answer: b = _____ ° [2]

LIVEWORKSHEETS

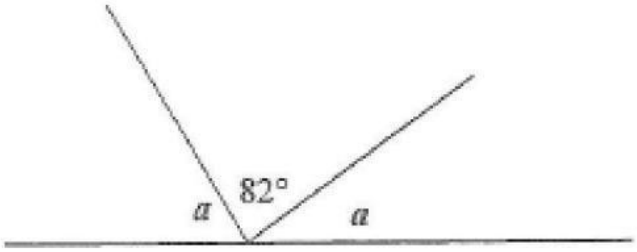


NOT TO SCALE

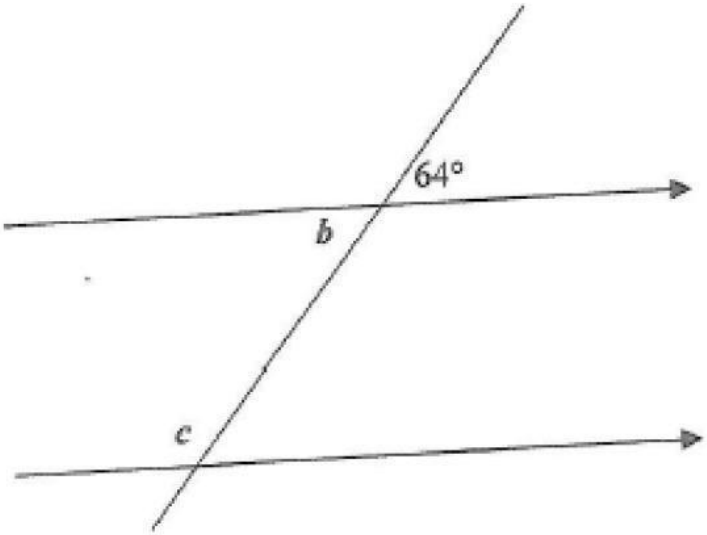
Answer: c = _____ ° [3]

11. Calculate the size of the angles marked by letters

NOT DRAWN TO SCALE



Answer: _____ [3]



Answer: (b) _____ [1]

(c) _____ [2]

LIVEWORKSHEETS