



Exit Ticket Y10 - Two Way Tables

Name:

Date:

Follow up Questions for Edexcel GCSE – June 2014 – Higher – Paper 1 – Question 3

Janice asks 100 students if they like biology or chemistry or physics best.

38 of the students are girls.
 21 of these girls like biology best.
 18 boys like physics best.
 7 out of the 23 students who like chemistry best are girls.

Step 2

Work out the number of students who like biology best.

Where do we put the "38 of the students are girls?"

	Biology	Chemistry	Physics	TOTAL
Girls	B		D	A
Boys				
TOTAL	C			100

Correct Answer: A B C D

Explanation:

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Step 9

Work out the number of students who like biology best.

What number should replace the star in this two-way table?

	Biology	Chemistry	Physics	TOTAL	
Girls	21	7	★	38	A 28
Boys			18	62	B 18
TOTAL		23		100	C 10

D Not enough information

Correct Answer: A B C D

Explanation:

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The numbers of boys and girls passing French and Design are given in the table:

	BOYS	GIRLS
French	12	28
Design	22	18

What is the probability that one French student picked at random is a boy?

A. $\frac{12}{28}$ B. $\frac{12}{40}$

C. $\frac{12}{34}$ D. $\frac{12}{80}$

Correct Answer: A B C D

Explanation:

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