# EST January 2024

$$1 - \frac{2a}{3b} = \frac{1}{5}$$

Eng. Mohamed Minshawy  $1 - \frac{2a}{3b} = \frac{1}{5}$ 

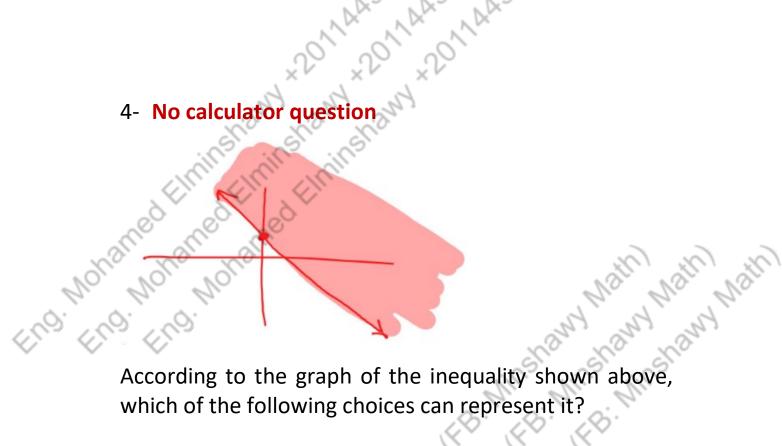
- In the equation shown above, find the value of  $\frac{a}{6b}$ ?- How many 3 digits even numbligit even? 2- How many 3 digits even numbers that have the first digit even?

  A) 70
  B) 120
  C) 150
  D) 200

$$3 - \frac{4^{5x}}{2^{y-1}} = 32$$

what is the value of -30x+3y for the equation mentioned earlier?

A) -14
B) -12
B) 12
D) 10



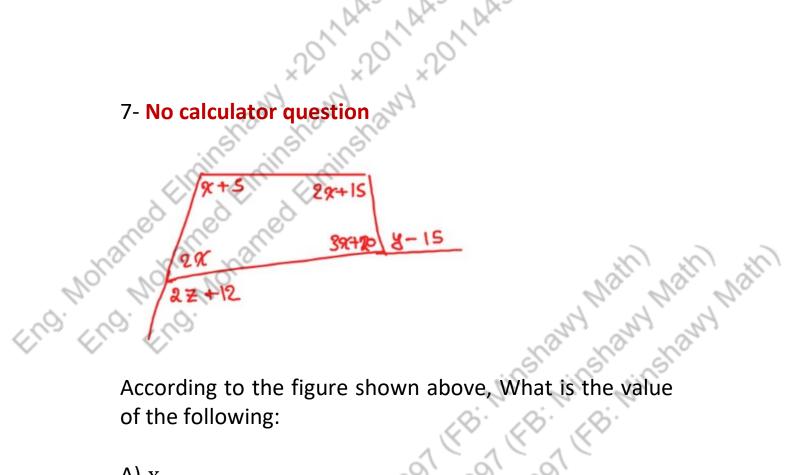
$$5-4^{2x}=256$$

above?

In a high school the total number of students is 4550,

The ratio between the boys and the girls is 5.2

of the girls was vear winds and the state of the The ratio between the boys and the girls is 5:2 and 10% of the girls wear glasses. How many girls Don't wear glasses?



8- With calculator question

For the following date uotient of the conge is 146 nge is 146 onanga ang lebining kanyang ka For the following data set {4,7,6,9,9,10,12,14} the range is  $\frac{146}{g}$ , What is the value of g? quotient of the sum of values and the inter quatral