

# PRACTICE FOR 7D

SMP ISLAM AL AZHAR 52 BENGKULU



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# ONE-VARIABLE LINEAR EQUATION

Determine the following sentences :

The addition of 8 and 15 is 23.

The multiplication result of 4 and 5 is 21.

$$20 - x = 11.$$

$P$  is one factor of 12.

Sentences that contain variables so that they cannot be known to be true false are called ....

Among the following open sentences, which one is a one-variable linear equation?

$$3x - 2y = 6$$



$$5a - 9 = 4a$$



$$p - 2pq = 10$$



$$8 + \frac{x}{5} = -3$$



$$7m + \frac{12}{m} = 18$$



$$x^2 - 5x + 6 = 0$$

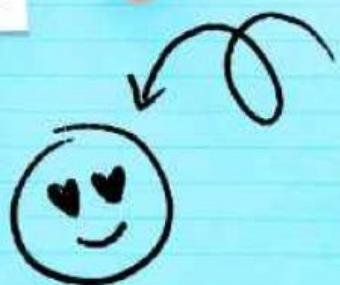


$$4y = 24$$



# Read **THE PROBLEMS**

**01**



$9x + 5 = 2x - 9$ , so the value of  $x + 11$  is ...

- a. -14
- b. 9
- c. 12
- d. 13

Discuss with your friends to get an easy way solve the following problem

$$2.3x = 0.5x + 9 \quad x =$$

$$\frac{5}{6}x - 2 = \frac{1}{3}x \quad x =$$

**02**



**03**



What do you think about a one-variable linear equation? Please explain!