

EQUATION WITH PERCENTAGES



NAME: _____

01. If a man saves 5% from his monthly salary of \$20,000, how much of money does he save?
02. If the prevailing price of \$20 per litter of fuel is increased by 10%, by how many dollars will the price of 1 litter of fuel increase?
03. If the minimum percentage of marks required to pass an examination marked out of 300 is 60%, what is the minimum mark required to pass the examination?
04. 15% of the workers in an establishment are men. If the total number of workers in the establishment is 800, how many female workers are there?
05. A house of assessed annual value \$36 000 is charged annual rates of 4%. Calculate the rates that have to be paid for a quarter
06. The assessed annual value of a shop within the administrative domain of a certain urban council is \$24 000. The quarterly rates payable on this property is \$300. Calculate the rates percentage charged by the council.
07. If customs duty of 10% of the value of the item has to be paid when a certain type of clock is imported, how much duty has to be paid when a clock of this type of value \$5000 is imported?
08. When a car is imported, 60% of its value has to be paid as customs duty. Find the total amount with the duty included, that it costs a person to import a car worth \$2 000 000
09. The value of a television set with a 15% customs duty added to it is \$28 750. What is the value of the television set without the duty?
10. The production cost of a pair of shoes produced by a certain organization is given below.

Raw materials	= \$10	The organization hopes to gain a profit of \$5 from this product. A VAT of 15% has to be paid to the government on the price of the pair of shoes. Find the selling price of the pair of shoes with the VAT included.
Labour	= \$30	
Other expenses	= \$20	
<u>Total cost</u>	<u>= \$60</u>	