

SIMPLE INTEREST- WORKSHEET 3

Name: _____

Date: _____

INSTRUCTIONS: Answer ALL questions in the spaces provided.

1. Meisha borrowed \$8000 from her bank at simple interest rate of 10% p.a. She agrees to repay the loan in 2 years. Calculate:

(a) the interest

P = \$ _____

R = _____ %

Time = _____ years

Formula: $\text{Interest} = \frac{P \times R \times T}{100}$

Interest = _____ x _____ x _____ (SUBSTITUTE VALUES HERE)

Interest = \$ _____ (GIVE ANSWER TO 2 DECIMAL PLACES)

(b) the total amount repaid.

$$\text{Amount} = \text{Principal} + \text{Interest}$$

Amount Repaid = \$ _____ + \$ _____

Amount Repaid = \$ _____ (FINAL ANSWER HERE)

(c) She repays the loan in equal monthly payments. Calculate EACH monthly payment.

$$\text{Monthly Payment} = \frac{\text{Amount}}{\text{\# of Months in Term}}$$

Monthly Payment = _____

Monthly Payment = \$ _____ (FINAL ANSWER HERE)