

1076 NADI SANGAM SCHOOL

YEAR 8 WORKSHEET 3 - 2021

Show all necessary working.

1. (a) Eight hundred and forty-one thousand two hundred and nineteen in numeral is

(b) Work out: 4513.97

$$\begin{array}{r} 4513.97 \\ \times 1.5 \\ \hline \end{array}$$

(c) Solve $5^2 - 2^3$

(d) $875.132 \times 10^2 =$ _____

(e) What is the area of a rectangle, which has a width of 10 cm, and length that is twice the width?

(f) $3m^2 \times 9m^3 =$

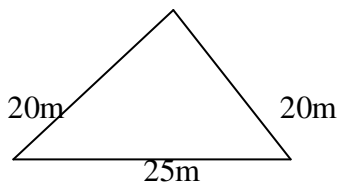
(g) What is 25% of \$1500?

(h) Find the LCM of 5 and 7.

(I) Find the HCF of 18 and 81

(j) Write 26.5% as a decimal

2. Aryan owns a triangular farm as shown below and he wants to fence it. He needs to fence the farm using four rows of wire.



(a) What is the perimeter of Aryan's farm?

(b) How many metres of wire is needed to fence the triangular farm?

3. Jale was given \$80 to buy a pair of shoes and a bag. He spent **one quarter** of his money on buying a bag and **half of the remainder** on buying shoes.

(a) How much was spent on buying the bag?

(b) How much was spent on buying the shoes?

(c) How much was left?

4. Work out the following

(a) $-15 + -4 =$

(b) $-9 \times -5 =$

(c) $10.456 \times 100 =$

5. Bhan bought 20 pumpkins at \$5.00 each and sold it for \$8.00 each.

(a) How much did Bhan get after selling all the pumpkins?

(b) Calculate his percentage profit

6. This plane left Sydney Airport at 6.30am and arrived at Nadi International Airport at 9.30am on the same day. It covered a distance of 840 km.



(a) How long did it take the plane to reach Nadi International Airport?

(b) Calculate the speed of the plane in km/h

7. Mr Patel took a loan of **\$2800.00** from Westpac Bank. The bank gives an **interest of 6.5% per annum for 3 years.**

(a) Find the interest for **one year.**

(b) Find the interest for **three years.**

(c) What would be the total amount of money Mr Patel had to pay back to the bank?