

INTERNATIONAL PRIME SCHOOL

Worksheet: Week-4; Sub: Mathematics

Class: V

1. A car runs $48\frac{1}{3}$ km per hour. How far does it travel in $4\frac{1}{5}$ hour?
2. A bottle containing 12 litres of oil is $\frac{3}{4}$ full. How much oil can the bottle hold?
3. When 5 is added to thrice a number, it is equal to 12 added to twice the number.

What is the number?

4. The sum of 4 consecutive numbers is 54. Find the number.
5. 10 years ago, Rajeev was 7 years. Find his present age.
6. 17 years from now, Devaki's age will be 27 years. How old is Devaki now?
7. Simplify the following expressions:

i) $x \times (3x)^2 \times (4x)^3$

ii) $3cd \times 3cf \div 3df$

iii) $32x^5 \times 9x^3 \div 36x^4$

iv) $15s^3 \times 4s^4 \div 12s^2$

v) $\frac{12a^2b \times 15a^3y}{20aby}$

vi) $\frac{ab \times xy}{bx}$

vii) $(\frac{1}{2}a^2b^3)^2$

viii) $(a^2b^3c^4)^2$

ix) $(x^3)^2 \div x^2$

x) $(2y)^3 \times (3y)^2$

xi) $(6a)^3 \div (2a)^2$

xii) $(3a)^2 + (4a)^2$

xiii) $4c^2p \div \frac{cp}{2}$

xiv) $km^2 \div \frac{1}{2}km$

xv) $8a^8 \div \frac{a}{8}$

xvi) $15a^2 \div \frac{5a}{3}$

8. Simplify the following expressions:

i) $2a + 3b + 5a + 2b$

ii) $3m + 3n - 2n - m + 6m$

iii) $6x + 4 + 2y + 2x$

iv) $4t \times 3 + 2s \times 3$

v) $3x + 2 - x$

vi) $9z - 8z + 5s - 3s$

vii) $15a^2 - 18a^2$

viii) $-7a^2 - 3a^2 - 5a^2$

ix) $-15xy^2 - 3xy^2 - 7xy^2$

x) $2ab + 3ab + \frac{1}{2}ab + \frac{1}{4}ba + \frac{1}{4}ab$

9. Simplify:

i) $\frac{\frac{1}{2} + \frac{1}{4}}{\frac{1}{2} - \frac{1}{4}}$

ii) $\frac{\frac{1}{2} \text{ of } \frac{1}{4}}{\frac{1}{2} - \frac{1}{4}}$

iii) $\frac{1\frac{1}{2} \div 4}{1\frac{1}{2} + 3}$

iv) $\frac{1\frac{5}{6} \div 3\frac{1}{2}}{3\frac{1}{2} - 1\frac{5}{6}}$

v) $\frac{\frac{3}{7} \text{ of } \frac{5}{6}}{\frac{5}{6} \div 1\frac{3}{7}}$

vi) $\frac{\frac{4}{11} \text{ of } 3\frac{1}{7}}{5 + 1\frac{3}{7}}$

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Class: V, Sub: ICT

Worksheet: 04

1. Fill in the blanks.

- (a) The shortcut key to select a worksheet is _____.
- (b) To select multiple, non-continuous columns we use the _____ key.
- (c) In Excel the mouse pointer is known as _____.
- (d) The Insert sheet row is in the _____ tab.
- (e) The Delete button is in the _____ tab.
- (f) Microsoft Excel is a _____ software while Microsoft Word is a _____ software.
- (g) The _____ tab is used to insert Clip Art in your worksheet to manipulate the data.
- (h) Each cell has a unique _____ formed by the combination of the column _____ and row _____.
- (i) A cell on column Y and row 15 will have a cell address _____.
- (j) The _____ feature in Excel lets us quickly format the worksheet.

2. Answer the following.

- (a) What is the difference between a worksheet and a workbook?
- (b) Write the steps to select a range of columns which are not continuous.
- (c) Write the steps to insert a row or column in a worksheet.
- (d) Write the steps to increase the row height of the selected rows.
- (e) List five ways you could make your worksheet colorful.
- (f) Write the steps to Hide and Unhide a column.

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Work sheet- 4

Class- IV

Science

1. Answer the following questions:

- a) What are the different kinds of, nerves in the body?
- b) What is the function of sensory nerves?
- c) What is the function of mixed nerves?
- d) What is a reflex action? Which part of the nervous system controls reflex actions?
- e) How does the cerebrum help us?
- f) How does the cerebellum help us?
- g) How are you able to hear sound?
- h) How does the tongue detect different tastes?
- i) What happens to the cells on the surface of the skin?

2. Fill in the blanks:

- a) The outer ear directs sounds to the -----.
- b) Smells are ----- in the air.
- c) The _____ on your tongue are sensitive to chemicals in food.
- d) The _____ connects the brain to the spinal cord.
- e) The eyes are set of _____ in the skull.
- f) The _____ is the part through which light enters the eyes.
- g) The brain is part of the _____ system.
- h) _____ are like telephone wires and link all parts of the body to the brain.
- i) The three main parts of the brain are _____, _____ and _____.
- j) The brain needs a continuous supply of _____.

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Week 4

Geography

Class V

Book: Social Studies and Bangladesh

Ch: 2

1. Short Questions:

- a. Where is Lalbagh Fort situated?
- b. Where is Mainamati situated?
- c. Which one is the oldest archaeological site in Bangladesh?
- d. Where is our 'National Memorial' situated?
- e. When is our Independence Day?
- f. Which river is flowing beside Mahasthangarh?

2. Broad Questions:

- a) Describe about the Lalbagh Fort.
- b) Why is Mainamati archaeological site famous?
- c) Describe about the Mahasthangarh.
- d) How do we observe our Independence Day?

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Week 4

History

Class V

Ch: 2; Book: Primary History

1. Broad Questions:

- a) How did British contribute to India's education?
- b) Describe about the history of first newspaper in India.
- c) Describe about the Raja Ram Mohan Roy's contribution in education.
- d) How did British contribute to the development of India?

2. Short Questions:

- a) What is colony?
- b) What is colonization?
- c) Who was Raja Ram Mohan Roy?
- d) Which one is the first newspaper in India?