

Unit9

(A) Find the value of the following:

- (i) $14 - (-64)$ (ii) $(-84) - (-45)$ (iii) $12 + (-34) - (-6)$ (iv) $-12 + (-7) + (-8)$
(a) (i) $3 \times (-7)$ (ii) $-1 \times (-9)$ (iii) $-(-11)$ (iv) $-9(-2)$
(b) (i) $-8 \div 2$ (ii) $15 \div (-3)$ (iii) $-14 \div (-7)$ (iv) $\frac{12}{-3}$

(B) Evaluate the following expressing your answers in the simplest form.

- (i) $6\frac{2}{3} + 5\frac{7}{12}$ (ii) $5\frac{7}{12} - 3\frac{4}{9}$ (iii) $\frac{2}{3} - \frac{1}{12} + \frac{1}{4}$ (iv) $\frac{1}{3} + \frac{5}{12} - \frac{1}{8}$

(C) Activity:

- (i) If 10 km south is indicated by -10 , how would you indicate 10 km north?
(ii) If a deposit of \$600 is represented by $+600$, how would you represent a withdrawal of \$60?
(iii) An airplane descended 150 m from an altitude of 650 m and then ascended 830 m immediately. At what altitude was the airplane flying?

Unit10

(a) Simplify the following:

- (i) $1\frac{1}{9} \times 4\frac{1}{2}$ (ii) $8\frac{2}{3} \div 2\frac{1}{6}$ (iii) $7 \times 2\frac{6}{7}$ (iv) $\frac{7}{10} \div 4\frac{1}{5}$

(b) Estimate the following mentally.

- (i) 41^2 (ii) 63^3 (iii) 302^2 (iv) 97^3 (v) 398^3

- (c) (i) $\sqrt{47}$ (ii) $\sqrt{167}$ (iii) $\sqrt[3]{63}$ (iv) $\sqrt[3]{217}$ (v) $\sqrt{887}$ (vi) 19^3

Geography: *Note: Make projects using both sides of A4 size paper, use maps, pictures, print outs of pictures and diagrams to explain. No written text print outs will be accepted.*

Project 1: Show the cultivated areas of Pakistan where wheat, sugarcane and cotton are grown.

- ★ Label these areas on the map of Pakistan.
- ★ Make a key of the map.
- ★ Write down three sentences about each crop.

Project 2: Collect and paste pictures of natural vegetation of Pakistan from different areas.

- ★ Write their names.
- ★ Label the natural vegetation of Pakistan on the map of Pakistan.

History:

Note: Make project using both sides of A4 size paper, use pictures and diagrams to explain.

Prepare a booklet on information about any one civilization from your book. Include the following as the chapters of your booklet:

- ★ Origin
- ★ Areas conquered
- ★ Main occupation
- ★ End of the civilization

Use books and internet to search for relevant information.

Paste pictures to make your booklet interesting and attractive.

SCIENCE

Note: ★ *Make research projects on A4 size sheets using both sides of the sheet on the following topics. They should comprise of handwritten information along with pictures.*

- ★ *Write your name, class, section on all projects.*

Project 1: Draw pictures of five different types of time measuring instruments. Also write 3 to 4 sentences about each.

Project 2: Draw symbols of any three hazardous substances of your choice. Also write three sentences about each. Paste these diagrams on three different bottles as label.