

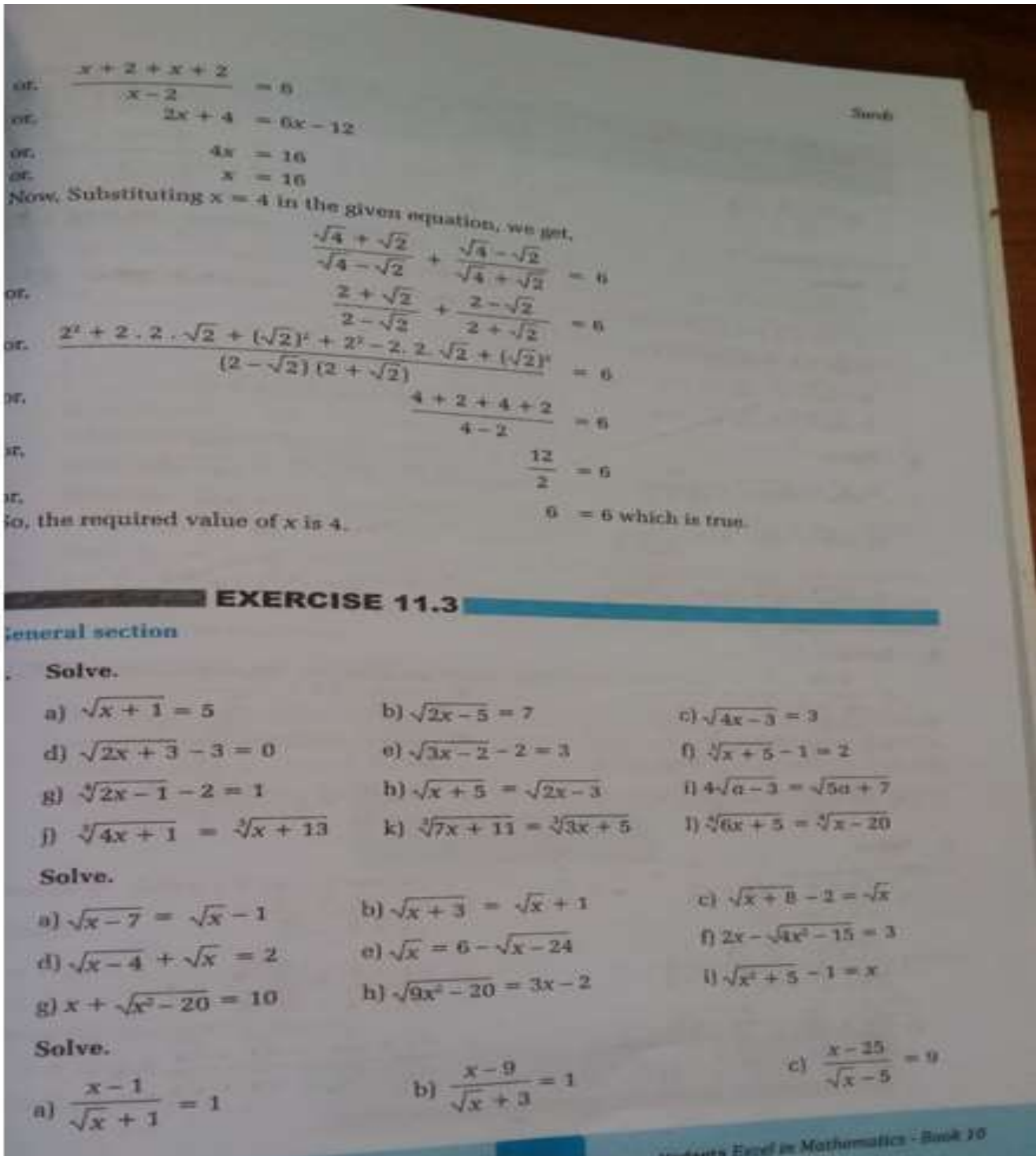
Class: Ten

Subject- Mathematics

Source: Photos of exercise are given below.

Work: Complete all the work of

Do your work neatly



$$d) \frac{5x-4}{\sqrt{5x+2}} = 2 - \frac{\sqrt{5x+2}}{2}$$

$$g) \frac{\sqrt{x}-4}{\sqrt{x}} = \frac{1}{7}$$

$$e) \frac{5y-4}{\sqrt{5y-2}} = 2 - \frac{\sqrt{5y-3}}{2}$$

$$f) \frac{\sqrt{x-3}}{\sqrt{x}} = \frac{1}{2}$$

$$h) \frac{\sqrt{y}+\sqrt{5}}{\sqrt{y}-\sqrt{5}} = 3$$

$$i) \frac{\sqrt{x}+\sqrt{5}}{\sqrt{x}-\sqrt{5}} = 3$$

Creative Section - A

4. Solve.

$$a) \sqrt{2x+7} = x+2$$

$$c) \sqrt{3x+4} + x = 12$$

$$e) 2x+1 = \sqrt{4x^2+3x+6}$$

$$g) \sqrt{3x+1} - \sqrt{x-1} = 2$$

$$i) \sqrt{4x-3} + \sqrt{2x+3} = 6$$

$$b) \sqrt{2x+9} = 13-x$$

$$d) 3x - \sqrt{7x+2} = 2$$

$$f) \sqrt{2x^2+x-3} = x-1$$

$$h) \sqrt{4-x} + \sqrt{x+9} = 5$$

$$j) \sqrt{x+5} + \sqrt{x+12} = \sqrt{2x+41}$$

5. Solve.

$$a) \sqrt{x} + \sqrt{5+x} = \frac{15}{\sqrt{5+x}}$$

$$c) 2\sqrt{x} - \sqrt{4x-3} = \frac{1}{\sqrt{4x-3}}$$

$$e) \sqrt{x} + \sqrt{x+13} = \frac{91}{\sqrt{x+13}}$$

$$b) \sqrt{x} + \sqrt{x-15} = \frac{105}{\sqrt{x-15}}$$

$$d) \frac{5\sqrt{x}-3}{\sqrt{x+2}} = \frac{3+5\sqrt{x}}{\sqrt{x+5}}$$

$$f) \sqrt{x} + \sqrt{x-\sqrt{1-x}} = 1$$

Creative Section - B

6. Solve.

$$a) \frac{x-1}{\sqrt{x+1}} = 4 + \frac{\sqrt{x}-1}{2}$$

$$c) \frac{y-25}{5+\sqrt{y}} = 4 + \frac{\sqrt{y}-5}{5}$$

$$e) \frac{3x-4}{2+\sqrt{3x}} - \frac{\sqrt{3x}-2}{2} = 2$$

$$b) \frac{x-4}{2+\sqrt{x}} = 2 + \frac{\sqrt{x}-2}{2}$$

$$d) \frac{5y-4}{\sqrt{5y+2}} = 2 + \frac{\sqrt{5y}-3}{2}$$

$$f) \frac{7x-36}{6+\sqrt{7x}} = 9 - \frac{5\sqrt{7x}-11}{3}$$

7. Solve.

$$a) \frac{\sqrt{x+4} + \sqrt{2}}{\sqrt{x+4} - \sqrt{2}} = 2$$

$$c) \frac{\sqrt{x+2} - \sqrt{x-2}}{\sqrt{x+2} + \sqrt{x-2}} = \frac{1}{2}$$

$$e) \frac{\sqrt{x} + \sqrt{5}}{\sqrt{x} - \sqrt{5}} + \frac{\sqrt{x} - \sqrt{5}}{\sqrt{x} + \sqrt{5}} = 4$$

$$b) \frac{\sqrt{x+6} + \sqrt{3}}{\sqrt{x+6} - \sqrt{3}} = 3$$

$$d) \frac{\sqrt{x+4} + \sqrt{x-4}}{\sqrt{x+4} - \sqrt{x-4}} = 2$$

$$f) \frac{\sqrt{x} + \sqrt{a}}{\sqrt{x} - \sqrt{a}} + \frac{\sqrt{x} - \sqrt{a}}{\sqrt{x} + \sqrt{a}} = 6$$

Subject- Computer

1) Answer the following questions.

- a. What is modular programming? Write its any two advantages.
- b. What are local variable and global variable?
- c. What are actual parameter and formal parameter?
- d. Write any two differences between SUB and FUNCTION procedure.
- e. What is library function? List any four mathematical library functions in QBASIC.

Subject- HPE

Homework will be given in Google classroom.

.विषय – नेपाली

१) पाठ ११ - लक्ष्मीपूजा - कथा राम्ररी पढ्नुहोस्। शब्दार्थ पनि पढ्नुहोस्।

२) यस पठको पृष्ठ ११३ र ११४ को वाक्य परिवर्तन गर्नुहोस्

The End.