

Subject : Mathematics

Prepared by : Israt sultana

Date:18/8/2020

Revision sheet

Chapter: Five

Problems related to Four Basic Operations

1) True/ False:

- There are four types of brackets of solving the mathematical problems.
- “()” is called the first bracket.
- In general, we calculate any calculation from left to right.
- At first, we calculate the numbers outside the bracket.

2) M.C.Q:

- How many brackets are there of solving the mathematical problems?
(i) 4 (ii) 3 (iii) 2 (iv) 6
- Define the first bracket?
(i) () (ii) [] (iii) - (iv) { }
- How we calculate any calculation in generally?
(i) Right to left (ii) Left to right (iii) Upper to below (iv) Below to upper
- What is the right answer of $(4+3)\times 8$?
(i) 79 (ii) 65 (iii) 56 (iv) 87
- What is the right answer of $3\times(4\times 2)$?
(i) 24 (ii) 32 (iii) 23 (iv) 20
- What is the right answer of $(20\div 5)+2$?
(i) 7 (ii) 8 (iii) 6 (iv) 9

3) Calculate and compare the following answer:

- | | | |
|-------------------------------|---|--|
| 1. $128+92+8$
$128+(92+8)$ | 2. $657-64-36$
$657-(64+36)$ | 3. $78\times 25\times 4$
$78\times(25\times 4)$ |
| 4. $16+4-2$
$(16+4)-2$ | 5. $135\times 7-35\times 7$
$(135-35)\times 7$ | 6. $25\times 2\times 4$
$(25\times 2)\times 4$ |

4) Using the calculation rules to calculate the following :

- | | | |
|---------------------|--------------------|-------------------|
| 1. $722+97+67$ | 2. $624-74-24$ | 3. $6+12\times 4$ |
| 4. $250-(15\div 5)$ | 5. $(7\times 8)-6$ | 6. $45+(6\div 3)$ |

5) Express the following problems to a single mathematical sentence and solve it:

1. Price of a pencil box is taka 150. How many pencil boxes can you purchase by taka 750?
2. A box contains a bat of taka 100 and a ball of taka 50. How many boxes can you purchase by taka 750?
3. Price of 6 pencils is taka 60. How much are the 8 pencils?
4. Divisor is 3 times the remainder and the quotient is 4 times the divisor. Remainder is 2. What is the dividend?

6) Express the following problems to mathematical sentence using “()” and solve it:

1. Price of a Singara is taka 6 and I have a 100 taka note. How much is the change if I buy 10 singaras?
2. Price of a Hilsha fish taka 300 and a pair of pigeon is taka 200. How much is the cost if you buy one Hilsha fish and one pigeon.
3. Price of a cabbage is taka 25 and a pumpkins is taka 60. How much is the cost of 2 cabbages and 3 pumpkins?

7) Make your own story for Mathematical sentences the following and solve them:

1. $200+(150+70)$
2. $(6\times 8)+(12\times 2)$