STEPPING STONE SCHOOL (HIGH)

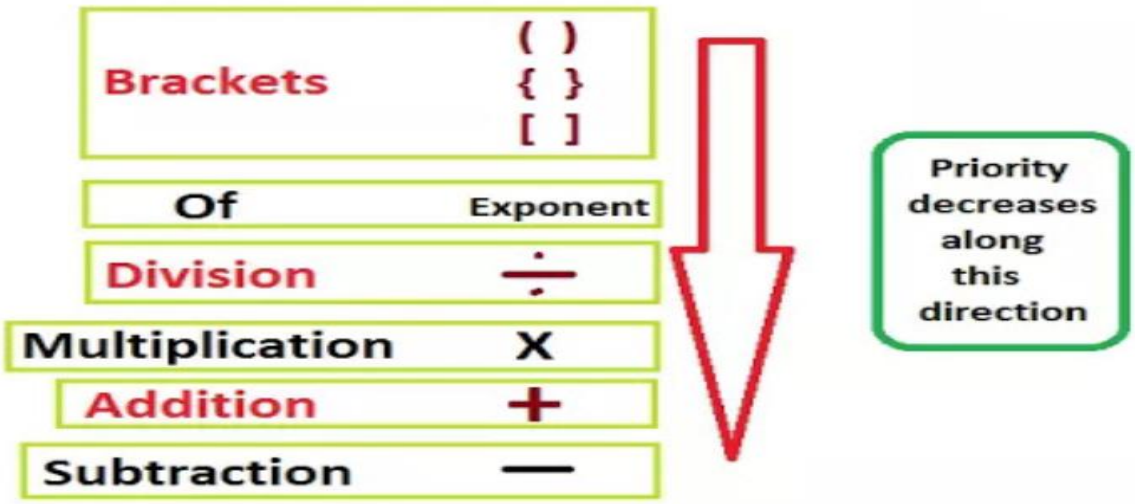
CLASS: 7

Subject: Mathematics **Date: 23/04/2020**

Topic: Integer **Time Limit: 30 min**

Worksheet No. :5

[Copy the questions and solve them on a sheet of paper date wise. Keep the worksheets ready in a file to be submitted on the opening day.]



Example:-

a. **[(-6) + 5] ÷ [(-2) + 1]**
   = [-1] ÷ [-1] **Simplify () and operate with term outside the bracket.**
   = 1

b. **5 + [{ -2(1 + 2)} 10]**
   = 5 + [{-2(3)} 10] **Simplify the term inside (), followed by {}, then [ ].**
   = 5 + [{-6} 10]
   = 5 + [-60]
   = -55

<u>Evaluate each of the following:</u>

(i) $7 - 8 \div (-2) + 3 \times (-4)$.

(ii) $9 - \{7 - 24 \div (8 + 6 \times 2 - 16)\}$.

(iii) $-11 - [-6 - \{3 - 5(8 \div 4 - 1)\}]$.

(iv) $(-3) \times (-12) \div (-4) + 3 \times 6$.

(v) $14 \div (3 \times 2 - 3 + 4) - 9(5 - 3)$.

(vi) $[(-7) + 12] \div [(-6) + 5]$

(vii) $[(-18) \div (-6)] \div [(-17) - (-16)]$

(viii) $[(-48) \div 12] \div 4$.

(ix) $19 \div [(-5) + 4]$.

(x) $(-53) \div [(-50) + (-3)]$.

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