



STEPPING STONE  
SCHOOL (HIGH)  
CLASS :7

**Subject: Mathematics**

**Date: 24/04/2020**

**Topic: Integer (Revision Question)**

**Time Limit: 30 min.**

*Worksheet No. :6*

*[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.]*

**Q1. Find the product of the following:**

(i)  $(-15) \times (-3)$       (ii)  $15 \times (-3)$       (iii)  $-15 \times 3$

**Q2. What is additive inverse of 0?**

**Q3. Simplify:  $743 \times (-17) + 743 \times 17$  by using suitable property.**

**Q4. Simplify the following:**

(i)  $(-48) \times (-17) \times 5 \times 0 \times (-7)$   
(ii)  $7792 \times 997 - 729 \times 997$   
(iii)  $[24 \div (-6)] \times (-4)$

**Q5. Verify the following:  $(-21) \times [(-4) + (-6)] = [(-21) \times (-4)] + [(-21) \times (-6)]$ .**

**Q6. The temperature of hot brass rod is  $350^{\circ}\text{C}$ . Every minute temperature is drops by  $10^{\circ}\text{C}$ , what will be the temperature of brass rod after 15 minute.**

**Q7. What is the additive inverse of -1?**

**Q8. A shopkeeper earns a profit of Rs 1 by selling a pen and gets loss of 40 paise per pencil.**

- (i) In last month he has a loss of Rs 5. In this period, he sell 45 pens. How much pencil did he sell in this period?
- (ii) In the next month he earns neither profit nor loss. If he sold 70 pens. How many pencils did he sell?

**Q9. In a class test +5 marks are given for every correct answer and -3 marks for every incorrect answer and no marks for attempting any question.**

- (i) Neha scored 30 marks. If she got 15 correct answers, How many question has she attempted incorrectly?**
- (ii) Shalini scores -5 in the test, though she has got 8 correct answers. How many questions has she attempted incorrectly?**

**Q10. Show that  $a \div (b + c) \neq (a \div b) + (a \div c)$  for each of the following values of a , b and c.**

$$a = 12, b = -4, c = 2.$$

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