Name: _____ Roll No. _____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST ... **43** **MATHEMATICS** Max. Marks: **20** ADMISSION to CLASS: **7**

Checked by	Srv #	Sign:	Rechecked by	Srv #	Sign:	Marks:

1. **Complete** the following **mathematical statements.** (1.0 × 4)

   (i) An equation which contains a single variable with highest exponent **1** is called a _____ equation.

   (ii) Integers are also known as _____ numbers.

   (iii) L.C.M. and H.C.F. of two numbers are 240 and 20. If one number is 60, the other number will be _____.

   (iv) If 2 : 7 is equal to x : 49 then value of x is _____.

2. **Simplify**: $2\frac{8}{14} \div \left[1\frac{4}{5} \times \left\{1\frac{1}{3} + \left(2\frac{1}{2} + 1\frac{1}{3} - 2\frac{1}{6}\right)\right\} \times 1\frac{2}{3}\right]$ (4.0)

3. **Solve**: $\frac{5x-4}{8} - \frac{x-3}{5} = \frac{x+6}{4}$ (4.0)

4. Shahid bought **90** eggs for **Rs. 315**. **10** eggs were rotten. He sold **remaining** eggs at the rate of **Rs. 4** per egg. Find **percentage** of his **profit** or **loss**. (4.0)

5. Sana is making some gift boxes for charity. She has **416** books, **364** crayons and **312** markers. If she puts all the things equally, what will be the maximum number of boxes she makes? **(Use backside of sheet for Q.5)** (4.0)