

Name: _____

Roll No. _____

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

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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? (4.0)
- (Use backside of sheet for Q.5)