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QUESTION PAPER

School: atul public school

Teacher: Pawan Singh

Grade: Grade 12

Subject: Science

Q1: Which of the following pairs represents sliding fractions?

Chapter: Fraction

Topic: Types of Fraction

Subtopic: Sliding Fraction

Difficulty: MEDIUM

Type: MSQ

1. $\frac{3}{5}$ and $\frac{6}{10}$
2. $\frac{1}{4}$ and $\frac{2}{6}$
3. $\frac{5}{8}$ and $\frac{10}{15}$
4. $\frac{2}{3}$ and $\frac{4}{9}$

Correct Answer: $\frac{3}{5}$ and $\frac{6}{10}$

Q2: Identify the fractions that can be obtained by 'sliding' $\frac{2}{7}$.

Chapter: Fraction

Topic: Types of Fraction

Subtopic: Sliding Fraction

Difficulty: MEDIUM

Type: MSQ

1. $\frac{4}{14}$
2. $\frac{6}{21}$
3. $\frac{8}{28}$
4. $\frac{3}{8}$

Correct Answer: $\frac{4}{14}, \frac{6}{21}, \frac{8}{28}$

Q3: Which of these statements is true regarding sliding fractions?

Chapter: Fraction

Topic: Types of Fraction

Subtopic: Sliding Fraction

Difficulty: MEDIUM

Type: MSQ

1. They are always in their simplest form.
 2. They represent the same value.
 3. They always have different denominators.
 4. They can only be obtained by multiplying both numerator and denominator by the same number.
- Correct Answer: They represent the same value.,They can only be obtained by multiplying both numerator and denominator by the same number.
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Q4: Which of the following fractions are NOT sliding fractions of $\frac{1}{3}$?

Chapter: Fraction

Topic: Types of Fraction

Subtopic: Sliding Fraction

Difficulty: MEDIUM

Type: MSQ

1. $\frac{2}{6}$
2. $\frac{3}{9}$
3. $\frac{4}{12}$
4. $\frac{5}{16}$

Correct Answer: $\frac{5}{16}$