

Worksheet (4) |

Lower Secondary

Stage (6-8)

1st Semester | 2023-2024

Subject: Math

Name: Answer Key

Objectives:

- To simplify fractions, change an improper fraction into a mixed number and the opposite.

Chapter: 6 (Fractions)

Grade 6 CS

Simplifying fractions.

Exercise (1): Simplify the following fractions.

Remember, you can find the HCF of the numerator and the denominator to make simplifying simpler and easier.

$$a) \frac{21 \div 3}{54 \div 3} = \frac{7}{18}$$

$$b) \frac{20 \div 5}{35 \div 5} = \frac{4}{7}$$

$$c) \frac{28 \div 7}{49 \div 7} = \frac{4}{7}$$

$$d) \frac{16 \div 8}{72 \div 8} = \frac{2}{9}$$

$$e) \frac{36 \div 9}{81 \div 9} = \frac{4}{9}$$

$$f) \frac{44 \div 11}{77 \div 11} = \frac{4}{7}$$

$$g) \frac{3 \div 3}{30 \div 3} = \frac{1}{10}$$

$$h) \frac{44 \div 4}{48 \div 4} = \frac{11}{12}$$

$$i) \frac{10 \div 5}{45 \div 5} = \frac{2}{9}$$

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