

ACTIVITY – 3

Reduce the following fractions to the lowest terms :

$$1. \frac{48}{64} = \frac{48 \div 16}{64 \div 16} = \frac{3}{4}$$

$$2. \frac{15}{20} = \frac{15 \div 5}{20 \div 5} = \frac{3}{4}$$

$$3. \frac{35}{45} = \frac{35 \div 5}{45 \div 5} = \frac{7}{9}$$

$$4. \frac{49}{63} = \frac{49 \div 7}{63 \div 7} = \frac{7}{9}$$

$$5. \frac{12}{18} = \frac{12 \div 6}{18 \div 6} = \frac{2}{3}$$

$$6. \frac{36}{81} = \frac{36 \div 9}{81 \div 9} = \frac{4}{9}$$

$$7. \frac{22}{121} = \frac{22 \div 11}{121 \div 11} = \frac{2}{11}$$

$$8. \frac{42}{48} = \frac{42 \div 6}{48 \div 6} = \frac{7}{8}$$

Activity 4

Q3 Express as mixed fraction

$$a. \frac{15}{7} = 2\frac{1}{7}$$

$$b. \frac{8}{3} = 2\frac{2}{3}$$

$$c. \frac{18}{4} = \frac{9}{2} = 4\frac{1}{2}$$

$$d. \frac{25}{6} = 4\frac{1}{6}$$

$$e. \frac{44}{5} = 8\frac{4}{5}$$

$$f. \frac{35}{6} = 5\frac{5}{6}$$

$$g. \frac{17}{2} = 8\frac{1}{2}$$

$$h. \frac{54}{5} = 10\frac{4}{5}$$

Q4 . Express as improper fraction

a. $1\frac{2}{3} = \frac{3 \times 1 + 2}{3} = \frac{5}{3}$

b. $3\frac{3}{5} = \frac{5 \times 3 + 3}{5} = \frac{18}{5}$

c. $2\frac{2}{7} = \frac{7 \times 2 + 2}{7} = \frac{16}{7}$

d. $4\frac{1}{2} = \frac{2 \times 4 + 1}{2} = \frac{9}{2}$

e. $2\frac{1}{9} = \frac{9 \times 2 + 1}{9} = \frac{19}{9}$

f. $8\frac{3}{4} = \frac{4 \times 8 + 3}{4} = \frac{35}{4}$

g. $7\frac{2}{5} = \frac{5 \times 7 + 2}{5} = \frac{37}{5}$