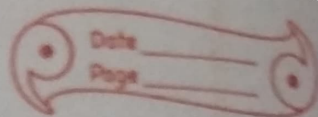


Thu
24.5.2022



3 Reduce the following fractions to their lowest term.

a) $\frac{68}{138}$

Ans

~~$\frac{68}{138}$~~

~~$\frac{68}{138}$~~
 ~~$\frac{34}{69}$~~

$$\frac{68 \div 68}{138 \div 69} = \frac{1}{2}$$

$$\frac{68}{138} = \frac{1}{2}$$

$$b. \frac{102}{119}$$

$$\text{Ans } \frac{102 \div 17}{119 \div 17} = \frac{6}{7}$$

$$\frac{102}{119} = \frac{6}{7}$$

$$c) \frac{153}{204}$$

$$\text{Ans } \frac{153}{204} = \frac{51}{68} = \frac{3}{4}$$

$$d) \frac{129}{243}$$

$$\text{Ans } \frac{129 \div 3}{243 \div 3} = \frac{43}{81}$$

$$\frac{129}{243} = \frac{43}{81}$$

$$e \quad \frac{154}{238}$$

$$\text{Ans} \quad \frac{154}{238} = \frac{77}{119} = \frac{77 \div 11}{119 \div 11} = \frac{7}{11}$$

$$f) \quad \frac{198}{297}$$

$$\text{Ans} \quad \frac{198 \div 9}{297 \div 9} = \frac{22 \div 11}{33 \div 11} = \frac{2}{3}$$

$$g) \quad \frac{117}{189}$$

$$\frac{117 \div 3}{189 \div 3} = \frac{39 \div 3}{63 \div 3} = \frac{13}{21}$$

$$h) \quad \frac{304}{368}$$

$$\frac{304 \div 2}{368 \div 2} = \frac{152 \div 2}{184 \div 2} = \frac{76 \div 4}{92 \div 4} = \frac{19}{23}$$

$$i) \frac{115}{345}$$

$$\frac{115 \div 5}{345 \div 5} = \frac{23}{69}$$

$$j) \frac{160}{720}$$

$$\frac{160 \div 20}{720 \div 20} = \frac{8 \div 4}{36 \div 4} = \frac{2}{9}$$

4 Tick (✓) the fractions which are proper fraction:

$$(a) \frac{13}{16}$$

$$(b) \frac{8}{7}$$

$$(c) \frac{17}{8}$$

$$(d) \frac{23}{25}$$

$$(e) \frac{38}{4}$$

$$(f) \frac{48}{50}$$

$$(g) \frac{25}{21}$$

$$(h) \frac{1}{7}$$

$$(i) \frac{45}{9}$$

$$(j) \frac{63}{65}$$