

CLASS 5<sup>TH</sup>

Ex. 3.6

Q4- convert into improper fractions and divide.

$$(a) 6\frac{1}{3} \div 4\frac{5}{6}$$

$$= \frac{19}{3} \div \frac{29}{6}$$

$$= \frac{19}{3} \times \frac{6}{29}$$

$$= \frac{19 \times 2}{1 \times 29} = \frac{38}{29} = 1\frac{9}{29} \text{ Ans}$$

$$(b) 11\frac{1}{5} \div 6\frac{1}{10}$$

$$= \frac{56}{5} \div \frac{61}{10}$$

$$= \frac{56}{5} \times \frac{10}{61} = \frac{56}{1} \times \frac{2}{61}$$

$$= \frac{112}{61} = 1\frac{51}{61} \text{ Ans}$$

$$(c) 7\frac{1}{3} \div 4\frac{8}{9}$$

$$= \frac{22}{3} \div \frac{44}{9}$$

$$= \frac{22}{3} \times \frac{9}{44}$$

$$= \frac{1}{1} \times \frac{3}{2} = \frac{3}{2} = 1\frac{1}{2} \text{ Ans}$$

$$(d) 3\frac{1}{8} \div 1\frac{1}{9}$$

$$= \frac{25}{8} \div \frac{10}{9}$$

$$= \frac{25}{8} \times \frac{9}{10}$$

$$= \frac{5}{8} \times \frac{9}{2} = \frac{45}{16} = 2\frac{13}{16}$$

$$(e) 3\frac{2}{5} \div 2\frac{1}{10}$$

$$= \frac{17}{5} \div \frac{21}{10}$$

$$= \frac{17}{5} \times \frac{10}{21}$$

$$= \frac{17}{1} \times \frac{2}{21} = \frac{34}{21} = 1\frac{13}{21} \text{ Ans}$$

Note: Do (f), (g) and (h) parts yourself in homework.