26.8.21
Thursday

Exercise - 9(A)

6. Convert the following mixed numbers into improper fractions.

a) $14\frac{3}{4}$

$14\frac{3}{4} = \frac{4 \times 14 + 3}{4} = \frac{59}{4}$

b) $8\frac{6}{7}$

$8\frac{6}{7} = \frac{7 \times 8 + 6}{7} = \frac{62}{7}$

c) $24\frac{5}{7}$

$24\frac{5}{7} = \frac{7 \times 24 + 5}{7} = \frac{173}{7}$

d) $25\frac{4}{5}$

$25\frac{4}{5} = \frac{5 \times 25 + 4}{5} = \frac{129}{5}$

e) $48\frac{5}{8}$

$$48\frac{5}{8} = \frac{8 \times 48 + 5}{8} = \frac{389}{8}$$

f) $17\frac{7}{9}$

$$17\frac{7}{9} = \frac{9 \times 17 + 7}{9} = \frac{160}{9}$$

g) $28\frac{5}{6}$

$$28\frac{5}{6} = \frac{6 \times 28 + 5}{6} = \frac{173}{6}$$

h) $71\frac{1}{8}$

$$71\frac{1}{8} = \frac{8 \times 71 + 1}{8} = \frac{569}{8}$$

i) $100\frac{3}{4}$

$$100\frac{3}{4} = \frac{4 \times 100 + 3}{4} = \frac{403}{4}$$

j) $33\frac{2}{3}$

$$33\frac{2}{3} = \frac{3 \times 33 + 2}{3} = \frac{101}{3}$$

7. Write 5 improper fractions with 12 as the denominator.

Ans- $\frac{14}{12}, \frac{17}{12}, \frac{33}{12}, \frac{19}{12}, \frac{23}{12}$

8. Write 5 fractions which are equal to 1.

Ans- $\frac{3}{3}, \frac{2}{2}, \frac{4}{4}, \frac{5}{5}, \frac{7}{7}$

9. Fill in the blanks using > or < to make correct statements.

a) $\frac{5}{14} \boxed{<} \frac{5}{8}$

b) $\frac{11}{16} \boxed{<} \frac{11}{12}$

c) $\frac{15}{19} \boxed{>} \frac{15}{23}$

d) $\frac{33}{40} \boxed{>} \frac{27}{40}$

e) $\frac{45}{70} \boxed{>} \frac{45}{85}$

f) $\frac{37}{85} \boxed{>} \frac{37}{90}$

g) $\frac{67}{79} \boxed{<} \frac{72}{79}$

h) $\frac{32}{39} \boxed{>} \frac{27}{39}$