

Ex - 9A

6) Convert the following mixed to fractions into improper fractions.

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

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

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

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

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

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

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

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

$$1000 \frac{3}{4} = \frac{4 \times 1000 + 3}{4} = \frac{4003}{4}$$

$$33 \frac{2}{3} = \frac{3 \times 33 + 2}{3} = \frac{93}{3}$$

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

$$\frac{25}{12}, \frac{45}{12}, \frac{9}{12}, \frac{38}{12}, \frac{17}{12}$$

8) Write 5 fraction which are equal to 1.

$$\frac{5}{5}, \frac{6}{6}, \frac{13}{13}, \frac{12}{12}, \frac{36}{36}$$

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

a) $\frac{5}{14} < \frac{5}{8}$ b) $\frac{11}{16} > \frac{11}{12}$ c) ~~$\frac{15}{19}$~~ $> \frac{15}{20}$

d) ~~$\frac{33}{40}$~~ $< \frac{27}{40}$ e) $\frac{45}{70} > \frac{45}{85}$

f) $\frac{37}{85} > \frac{37}{90}$ g) ~~$\frac{67}{79}$~~ $< \frac{72}{79}$

~~$\frac{32}{39}$~~ $> \frac{27}{39}$