

21/4/2020

A) Convert the following improper fractions to mixed numbers.

$$\text{eg. } \frac{9}{4} = 2 \frac{1}{4}$$

$$1) \frac{10}{6} = 1 \frac{4}{6}$$

$$3) \frac{14}{5} = 2 \frac{4}{5}$$

$$2) \frac{17}{7} = 2 \frac{3}{7}$$

$$4) \frac{29}{4} = 7 \frac{1}{4}$$

B) Convert the following mixed numbers to improper fractions.

$$\text{eg. } 3 \frac{1}{3} = \frac{10}{3}$$

$$1) 2 \frac{2}{5} = \frac{12}{5}$$

$$3) 5 \frac{4}{6} = \frac{34}{6}$$

$$2) 3 \frac{3}{4} = \frac{15}{4}$$

$$4) 12 \frac{4}{7} = \frac{100}{7}$$

C) Compare the following using the $<$, $>$ or $=$ symbols.

$$1) \frac{11}{7} > 1 \frac{3}{7}$$

$$2) \frac{16}{5} < 3 \frac{3}{5}$$

$$3) \frac{15}{6} > 1 \frac{10}{12}$$

$$4) \frac{18}{4} = 3 \frac{6}{4}$$

D1) Eva has 7 bottles of juice. Each bottle contains half a litre of juice. **How much juice does Eva have?** Write your answer as an improper fraction, mixed number and a decimal. $3\frac{1}{2}$, $\frac{7}{2}$, 3.5

D2) Dexter says that $\frac{32}{3}$ is equal to $3\frac{2}{3}$. Explain why Dexter is wrong.