Chapter- 9

Fractions

WORKSHEET

- 1. Fill in the blanks:
 - a) Fractions with different denominators are UNLIKE fractions.
 - b) A <u>mixed</u> number is a combination of a whole number and a proper fraction.
 - c) A fraction greater than 1 is always a/an Improper fraction.
 - d) In $\frac{17}{18}$, the numerator is ______
 - e) The lowest term of $\frac{10}{10}$ is $\underline{1}$
 - f) Five , one-fifth make a whole .
 - g) There are $\frac{1}{2}$ halves in $4\frac{1}{2}$.
 - h) A proper fraction is always less than 1.
 - i) Fractions with the same denominator are Like fractions.
- j) The numbers such as half, one-third, one-fourth, two-fifth, five-sixth etc. are called practional numbers.
- 2. Do as directed:
 - a) Find: $\frac{3}{5}$ of 25.

Ans. 3 X 255-015 anging your Tomorrow

b) Express $\frac{19}{2}$ as mixed number.

Ans.

Formula =
$$QR = 9\frac{1}{2} Arg$$

c) Express $6\frac{2}{9}$ as improper fraction.

Ans.

d) Compare and put the correct symbol (< , > or =)



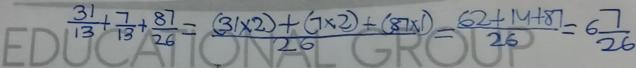
e) Reduce $\frac{18}{42}$ to its lowest form.

3. Solve as per the given instructions:

a) Add:
$$2\frac{5}{13} + \frac{7}{13} + 3\frac{9}{26}$$

Ans. 25+7+39=





b) Subtract 5 \(\frac{7}{9}\) from 9 \(\frac{5}{7}\) Changing your Tomorrow

Ans.
$$9\frac{5}{7} - 5\frac{7}{9} =$$

$$\frac{68}{7} - \frac{52}{9} = \frac{(68 \times 9) - (52 \times 7)}{63} = \frac{596 - 364}{63} = \frac{3}{63}$$

c) Multiply: $\frac{2}{5} \times \frac{3}{4} \times \frac{1}{2}$

Ans.
$$\frac{2}{5} \times \frac{3}{4} \times \frac{1}{2} = \frac{2 \times 3 \times 1}{5 \times 4 \times 2} = \frac{6}{40}$$
 Ans.

d) Simplify:
$$\frac{3}{5} + \frac{1}{2} - \frac{3}{4}$$

Ans.
$$\frac{3}{5} + \frac{1}{2} - \frac{3}{4} = \frac{(3x9 + (1x10) - (3x5)}{20}$$

$$12 + 10 - 15 = \frac{7}{20}$$

e) A ribbon measuring $3\frac{1}{2}$ m is cut into 7 pieces. What is the length of each piece?

Ans.
$$3\frac{1}{2} \div 7 =$$

Hence, the lugth of each prence is \frac{1}{2}.

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