

Name: _____

Grade: _____ Date: ____ / ____ / ____

School: _____

1. Convert the following into improper fractions :

(a) $2\frac{5}{6} =$

(b) $3\frac{4}{15} =$

(c) $12\frac{6}{25} =$

(d) $7\frac{2}{5} =$

2. Convert the following into mixed fractions :

(a) $\frac{35}{6} =$

(b) $\frac{47}{12} =$

(c) $\frac{136}{25} =$

(d) $\frac{27}{5} =$

3. Add the following fractions

(a) $\frac{5}{14} + \frac{7}{35} =$

(b) $\frac{4}{12} + \frac{8}{18} =$

(c) $2\frac{7}{10} + 3\frac{6}{15} =$

(d) $5\frac{2}{10} + 2\frac{1}{8} =$

4. Simplify

(a) $\frac{5}{14} + \frac{7}{35} - \frac{6}{25} =$

(b) $\frac{4}{12} + \frac{3}{17} =$

(c) $1\frac{3}{7} + 2\frac{6}{14} - \frac{5}{28} =$

5. Write the correct sign '>', '<' or '=' in the box for each of the below fractions.

(a) $\frac{5}{8}$ $\frac{7}{14}$

(b) $\frac{4}{21}$ $\frac{8}{42}$

(c) $\frac{3}{7}$ $\frac{5}{8}$

(d) $\frac{2}{25}$ $\frac{10}{35}$

6. Solve the following.

(a) The cost of a pen is ₹ $15\frac{5}{10}$ and that of a pencil is ₹ $7\frac{4}{12}$. What costs more and by how much?

(b) I bought $3\frac{2}{11}$ kg apples and $2\frac{5}{12}$ kg of grapes. What is the total weight of the fruits purchased by me?

(c) Of the two fractions, $\frac{4}{7}$ and $\frac{5}{9}$, which is greater and by how much?