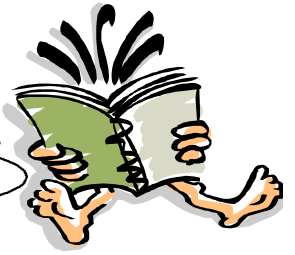


Fractions! Fractions! Fractions!!

A) Changing mixed fractions to improper fractions;

$$1 \frac{3}{4} = \frac{(1 \times 4) + 3}{4} = \frac{7}{4}$$



Try these, but write them like the example above.

1. $2 \frac{4}{5}$
2. $5 \frac{3}{4}$
3. $3 \frac{1}{2}$
4. $3 \frac{3}{10}$
5. $3 \frac{5}{8}$
6. $7 \frac{1}{2}$
7. $8 \frac{4}{6}$
8. $1 \frac{3}{4}$
9. $7 \frac{5}{6}$
10. $3 \frac{2}{5}$

B) Changing improper fractions to mixed fractions is just the opposite;

$$\frac{12}{5} = 12 \div 5 = 2 \text{ r } 2 = 2 \frac{2}{5}$$

1. $\frac{13}{4}$
2. $\frac{17}{3}$
3. $\frac{27}{6}$
4. $\frac{35}{8}$
5. $\frac{26}{6}$
6. $\frac{17}{7}$
7. $\frac{29}{5}$
8. $\frac{34}{8}$
9. $\frac{25}{5}$
10. $\frac{19}{4}$

Well Done!!!

C) Now, if I asked you for $\frac{3}{5}$ of 75, would you know how to work it out?
Just look at this!

$$\frac{3}{5} \text{ of } 75 = (75 \div 5) \times 3 = 15 \times 3 = 45$$

Do these in the same way.

1. $\frac{2}{4}$ of 16
2. $\frac{5}{8}$ of 96
3. $\frac{2}{9}$ of 63
4. $\frac{4}{6}$ of 84
5. $\frac{4}{7}$ of 56

D) Here are some problems. See if you can work them out.

1. My petrol tank holds 45 litres of fuel. I filled it $\frac{2}{3}$ full. How much fuel did I put in?
2. Marks and Spencer sold 464 pies on Monday. They sold $\frac{3}{4}$ of them before 2pm. How many did they sell after 2pm?
3. One week Peter was only given $\frac{2}{3}$ of his wages. If he were only given £60, how much would his full wages usually be?

