Task 1

1) A pizza is cut into 8 equal slices. You eat 3 slices. What fraction of the pizza did you eat? $\frac{3}{8}$

2) There are 20 pupils in a class. 5 are left-handed. What fraction are left-handed? Give your answer in simplest form.

$$\frac{5}{20} = \frac{1}{4}$$

3) A jug holds 2 litres of water. 1.5 litres are poured out. What fraction of the jug is poured out?

$$\frac{1.5}{2} = \frac{3}{4}$$

4) A book has 60 pages. You've read 45 pages. What fraction of the book is left to read?

$$\frac{15}{60} = \frac{1}{4}$$

5) A fruit bowl has 4 apples, 3 bananas, and 5 oranges. What fraction of the fruit are bananas? Give your answer in simplest form.

$$\frac{3}{12} = \frac{1}{4}$$

Task 2 – Fully simplify each of the following questions.

6) $\frac{6}{8} = \frac{3}{4}$

7) $\frac{9}{12} = \frac{3}{4}$

8) $\frac{10}{25} = \frac{2}{5}$

9) $\frac{12}{30} = \frac{2}{5}$

10) $\frac{14}{35} = \frac{2}{5}$

11) $\frac{18}{27} = \frac{2}{3}$

12) $\frac{36}{48} = \frac{3}{4}$

13) $\frac{45}{60} = \frac{3}{4}$

14) $\frac{56}{64} = \frac{7}{8}$

15) $\frac{81}{108} = \frac{3}{4}$

Task 3 – List the following fractions in ascending order.

16)

$$\frac{2}{3} \quad \frac{3}{4} \quad \frac{5}{6} \quad \frac{1}{2} \quad \frac{2}{5}$$

$$\frac{2}{5}, \frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \frac{5}{6}$$

17)

$$\frac{7}{10} \quad \frac{3}{5} \quad \frac{5}{8} \quad \frac{2}{3} \quad \frac{4}{9}$$

$$\frac{4}{9}, \frac{3}{5}, \frac{5}{8}, \frac{2}{3}, \frac{7}{10}$$

18)

$$\frac{5}{12} \quad \frac{1}{3} \quad \frac{3}{8} \quad \frac{7}{16} \quad \frac{2}{5}$$

$$\frac{1}{3}, \frac{3}{8}, \frac{2}{5}, \frac{5}{12}, \frac{7}{16}$$

19)

$$\frac{1}{7} \quad \frac{3}{7} \quad \frac{2}{7} \quad \frac{5}{7} \quad \frac{4}{7}$$

$$\mathbf{\frac{1}{7}, \frac{2}{7}, \frac{3}{7}, \frac{4}{7}, \frac{5}{7}}$$

20)

$$\frac{6}{11} \quad \frac{2}{11} \quad \frac{9}{11} \quad \frac{1}{11} \quad \frac{5}{11}$$

$$\mathbf{\frac{1}{11}, \frac{2}{11}, \frac{5}{11}, \frac{6}{11}, \frac{9}{11}}$$