

Fractions: Mixed Questions

Task 1

Simplify each of the following fractions;

1) $\frac{3}{12}$

5) $\frac{7}{28}$

9) $\frac{16}{160}$

2) $\frac{4}{10}$

6) $\frac{3}{30}$

10) $\frac{5}{125}$

3) $\frac{5}{15}$

7) $\frac{8}{12}$

11) $\frac{9}{81}$

4) $\frac{2}{6}$

8) $\frac{4}{36}$

12) $\frac{11}{121}$

Task 2

Convert the following mixed fractions into top-heavy fractions;

1) $3\frac{1}{2}$

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

9) $4\frac{3}{5}$

2) $4\frac{1}{3}$

6) $3\frac{1}{5}$

10) $5\frac{4}{9}$

3) $2\frac{1}{4}$

7) $4\frac{2}{3}$

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

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

8) $9\frac{3}{4}$

12) $2\frac{11}{12}$

Task 3

Convert the following top-heavy fractions into mixed fractions;

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

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

9) $\frac{7}{5}$

2) $\frac{10}{3}$

6) $\frac{22}{5}$

10) $\frac{121}{12}$

3) $\frac{13}{2}$

7) $\frac{12}{7}$

11) $\frac{81}{5}$

4) $\frac{11}{4}$

8) $\frac{18}{4}$

12) $\frac{67}{3}$

Task 4

By finding a common denominator, work out which fraction in each question is the largest.

1) $\frac{2}{3}$ or $\frac{3}{5}$

3) $\frac{3}{4}$ or $\frac{5}{7}$

5) $\frac{4}{10}$ or $\frac{3}{5}$

2) $\frac{2}{5}$ or $\frac{1}{4}$

4) $\frac{1}{3}$ or $\frac{2}{5}$

6) $\frac{4}{15}$ or $\frac{1}{5}$

