**Task One**

Cut out the 21 calculations

The calculations can be categorised in different ways. For example:

1. Addition / subtraction
2. Mixed numbers involved / Mixed numbers not involved
3. Only one fraction needs scaling / both fractions need scaling
4. Lowest common denominator = product of denominators / LCD < product
5. Solution is greater than 1 / solution is less than 1
* Sort the calculations into the categories labelled (c)
* Sort the calculations into the categories labelled (d)

|  |  |  |
| --- | --- | --- |
| $$\frac{7}{8}+2\frac{5}{6}$$ | $$\frac{3}{8}+\frac{1}{2}$$ | $$2\frac{1}{2}+\frac{3}{4}$$ |
| $$\frac{1}{5}+\frac{3}{4}$$ | $$2\frac{2}{3}+3\frac{4}{7}$$ | $$\frac{4}{7}+\frac{11}{14}$$ |
| $$\frac{3}{7}-\frac{1}{8}$$ | $$\frac{5}{6}+\frac{3}{4}$$ | $$2\frac{1}{6}-\frac{1}{4}$$ |
| $$3\frac{1}{4}+1\frac{4}{5}$$ | $$3\frac{5}{6}-2\frac{1}{3}$$ | $$6\frac{5}{12}-2\frac{1}{6}$$ |
| $$3\frac{1}{4}-\frac{5}{8}$$ | $$\frac{3}{7}+\frac{3}{4}$$ | $$4\frac{3}{8}+1\frac{7}{10}$$ |
| $$\frac{3}{4}-\frac{1}{6}$$ | $$1\frac{5}{7}-\frac{1}{3}$$ | $$\frac{5}{6}-\frac{2}{3}$$ |
| $$2\frac{3}{5}+1\frac{1}{10}$$ | $$\frac{3}{10}+4\frac{1}{3}$$ | $$\frac{1}{8}+\frac{5}{6}$$ |

**Task Two**

Work out the 21 calculations.

The solutions to the calculations are shown below.

Solutions are given as simplified mixed numbers – and they are jumbled up!

|  |  |  |
| --- | --- | --- |
| $$\frac{7}{8}$$ | $$1\frac{5}{28}$$ | $$4\frac{19}{30}$$ |
| $$\frac{19}{20}$$ | $$1\frac{1}{2}$$ | $$3\frac{1}{4}$$ |
| $$3\frac{7}{10}$$ | $$\frac{23}{24}$$ | $$3\frac{17}{24}$$ |
| $$1\frac{1}{20}$$ | $$6\frac{3}{40}$$ | $$1\frac{5}{14}$$ |
| $$6\frac{5}{21}$$ | $$\frac{1}{6}$$ | $$4\frac{1}{4}$$ |
| $$1\frac{8}{21}$$ | $$1\frac{11}{12}$$ | $$\frac{17}{56}$$ |
| $$\frac{7}{12}$$ | $$2\frac{5}{8}$$ | $$1\frac{7}{12}$$ |