

Challenge 1

Fill in the missing blanks to these subtraction questions making sure that you convert the denominators into the answer given. Simplify the answer as well if possible. **The last two are fairly tricky so take care.**

2		1		
3	-	5	=	15

3		5		
7	-	14	=	28

9		1		
15	-	3	=	30

+

4		3		
5	-	10	=	30

3		3		
4	-	6	=	36

5				2
6	-	9	=	36

Challenge 2

Subtract these fractions, converting the mixed fraction to an improper fraction. Simplify if possible.

1. $1 \text{ and } \frac{1}{5} - \frac{2}{10}$
2. $1 \text{ and } \frac{6}{8} - \frac{5}{16}$
3. $1 \text{ and } \frac{1}{4} - \frac{7}{8}$
4. $1 \text{ and } \frac{4}{5} - \frac{7}{15}$
5. $1 \text{ and } \frac{5}{6} - \frac{5}{18}$
6. $2 \text{ and } \frac{5}{7} - \frac{8}{14}$

Challenge 3

Subtract these fractions, converting the mixed fractions to an improper fraction. Simplify if possible.

1. $1 \text{ and } \frac{4}{5} - 1 \text{ and } \frac{4}{25}$
2. $1 \text{ and } \frac{3}{5} - 1 \text{ and } \frac{1}{15}$
3. $2 \text{ and } \frac{3}{16} - 1 \text{ and } \frac{1}{8}$
4. $1 \text{ and } \frac{2}{6} - 1 \text{ and } \frac{7}{12}$
5. $2 \text{ and } \frac{6}{8} - 1 \text{ and } \frac{15}{40}$
6. $2 \text{ and } \frac{6}{7} - 2 \text{ and } \frac{7}{28}$