Operations with Mixed Numbers

- ➢ Convert all mixed numbers into improper fractions.
- ➢ Reduce individual fractions if possible.
- ➢ Follow BEDMAS when carrying out the given operations.
- ➢ Reduce the final answer and convert it to a mixed number if possible.

- ❖ **Remember** to change division to multiplication and reciprocate the fraction that is immediately after the division symbol.
- ❖ **Remember** to simplify diagonally **only** if fractions have a **multiplication** symbol between them.

A negative mixed number turns into a negative improper fraction.
The rules of conversion of mixed numbers to improper fractions remain the same.
There is NO subtraction in the process.

$$-5\frac{2}{7}$$

Solve

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

2. $1\frac{3}{4} \div 7\frac{3}{5} =$

3. $\frac{3}{4} + 6\frac{1}{8} =$

4. $-2\frac{1}{4} \div 3\frac{4}{9} =$