

M9

1.10 Order of Operations with Fractions

- Turn all mixed numbers into improper fractions.
- Change division to multiplication and reciprocate the fraction that follows immediately after the new multiplication symbol.
- If a fraction is negative, move the negative symbol in front of the numerator.
- Follow BEDMAS rules, remembering that brackets have different purpose.

Practice:

1	$\frac{4}{5} - \frac{3}{10} \div \frac{2}{15} =$
2	$-3\frac{1}{2} \times \frac{5}{14} - 6\frac{3}{4} =$

3

$$-\frac{3}{16} \times \left(\frac{-3}{14} + \frac{5}{42} \right) \div \frac{-3}{5} =$$

4

$$2\frac{5}{6} - 4\frac{2}{5} \times 3 \div 2\frac{4}{7} \div \left(-4\frac{2}{3} \right) =$$