

IGCSE Math Grade VII

Worksheet: Fractions (Review)

1. Simplify the following fractions:

a) $\frac{16}{24}$

b) $\frac{50}{75}$

2. Convert the following mixed numbers to improper fractions:

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

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

3. Add the following like and unlike fractions:

b) $\frac{4}{7} + \frac{2}{7}$

c) $\frac{5}{6} + \frac{1}{2}$

4. Subtract the following fractions:

c) $\frac{7}{10} - \frac{3}{5}$

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

5. Multiply the following fractions:

b) $\frac{7}{9} \times \frac{3}{4}$

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

6. Divide the following fractions:

b) $\frac{3}{4} \div \frac{5}{8}$

c) $1\frac{3}{7} \div \frac{4}{5}$

Challenge Problem:

Simplify:

$$\left(1\frac{1}{3} + \frac{2}{5}\right) \times \left(\frac{3}{7} \div \frac{4}{9}\right) - \frac{5}{6}$$