

Edexcel Foundation Paper 1

Fractions

Simplify the Expressions:

1.

$$\frac{1}{7} + \frac{3}{14}$$

2.

$$\frac{2}{5} + \frac{3}{15}$$

3.

$$\frac{5}{17} + \frac{1}{34}$$

4.

$$\frac{3}{5} + \frac{1}{10}$$

5.

$$\frac{1}{37} + \frac{1}{74}$$

6.

$$\frac{2}{19} + \frac{1}{57}$$

7.

$$\frac{1}{5} + \frac{1}{7}$$

8.

$$\frac{1}{3} + \frac{1}{5} + \frac{1}{7}$$

9.

$$\frac{2}{5} \div \frac{2}{3}$$

10.

$$\frac{3}{2} \div \frac{1}{3}$$

11.

$$\frac{4}{5} \div \frac{4}{3}$$

12.

$$\frac{2}{3} \div \frac{3}{2}$$

13.

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

14.

$$\frac{1}{3} \div \frac{1}{5}$$

15.

$$\frac{1}{3} \div \left( \frac{1}{5} \div \frac{1}{7} \right)$$

16.

$$\frac{2}{15} \div \frac{2}{3}$$

Answers:

1.  $5/14$
2.  $3/5$
3.  $11/34$
4.  $7/10$
5.  $3/74$
6.  $7/57$
7.  $12/35$
8.  $37/105$
9.  $3/5$
10.  $9/2$
11.  $3/5$
12.  $4/9$
13.  $5/7$
14.  $5/3$
15.  $5/21$
16.  $1/5$