National 5 Mathematics

Exam Questions by Topic

Fractions

2015 N5 Past Paper P1, Q1

1. Evaluate $6\frac{1}{5} - 2\frac{1}{3}$ (2 marks)

2015 N5 Past Paper P1, Q12

2. Simplify $\dfrac{x^2 - 4x}{x^2 + x - 20}$ (3 marks)

2015 N5 Past Paper P2, Q7

3. Express $\dfrac{5t}{s} \div \dfrac{t}{2s^2}$

in its simplest form   (3 marks)

2014 N5 Past Paper P1, Q1

4. Evaluate $\dfrac{5}{12} \times 2\frac{2}{9}$

Give the answer in its simplest form   (3 marks)

2014 N5 Past Paper P2, Q8

5. Simplify $\dfrac{n^5 \times 10n}{2n^2}$ (3 marks)

2014 N5 Past Paper P2, Q9

6. Express $\dfrac{7}{x+5} - \dfrac{3}{x}$ $\quad x \neq -5, x \neq 0$

as a single fraction in its simplest form   (3 marks)

2013 N5 Specimen Paper P1, Q1

7. Evaluate $2\dfrac{3}{8} \div \dfrac{5}{16}$ (2 marks)

2013 N5 Specimen Paper P1, Q5

8. Express $\dfrac{4}{\sqrt{6}}$

with a rational denominator in its simplest form   (2 marks)

2013 N5 Specimen Paper P1, Q11

9. Express

$\dfrac{4}{x+2} - \dfrac{3}{x-4},$ $x \neq -2, x \neq 4$

as a single fraction in its simplest form   (3 marks)

2013 N5 Practice Paper A, P1, Q1

10. Evaluate $3\dfrac{2}{5} - 1\dfrac{3}{4}$ (2 marks)