N5 Maths: Algebraic Fractions

Answers

Q1 **a)** $\frac{3x}{4}$ **b)** x^2 **c)** y

d) $\frac{4x}{5}$ **e)** $\frac{2b}{3}$ **f)** $\frac{2}{3x}$

g) $\frac{2x}{3}$ **h)** $3p^2$ **i)** $\frac{1}{5n^2}$

Q2 **a)** $\frac{2}{3}$ **b)** $x-3$ **c)** $\frac{1}{3}$

d) $\frac{x+4}{x+1}$ **e)** $\frac{x(x+4)}{x+1}$ **f)** $\frac{5}{q-7}$

Q3 **a)** $\frac{23x}{18}$ **b)** $\frac{12+10x^2}{15x}$

c) $\frac{4x-3}{(x-2)(x+3)}$ **d)** $\frac{2(n-7)}{(n+1)(n-3)}$

e) $\frac{a-2}{6}$ **f)** $\frac{15-2x-x^2}{5x^2}$ or $\frac{-(x-3)(x+5)}{5x^2}$

Q4 **a)** $\frac{3}{2}$ **b)** $\frac{3x}{2}$

c) $\frac{2}{5n^2}$ **d)** $\frac{3y^3}{2(y-1)}$

Q5 **a)** $\frac{2}{3}$ **b)** $\frac{5}{2a(a-5)}$

c) $\frac{12y}{x}$ **d)** $\frac{49x^3}{5y^3}$

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