

Simplifying Algebraic Fractions by Factorising Answer Key

Increasingly
Difficult
Exercises

a)	b)	c)
$(x + 3)(x + 2)$	$(x + 8)(x - 2)$	$(2x + 3)(x - 1)$
d)	e)	f)
$\frac{(x - 1)}{(x + 2)}$	$\frac{(x + 2)}{(x - 4)}$	$\frac{(2x + 1)}{(3x - 1)}$
g)	h)	i)
$\frac{(3x + 4)}{(3x - 1)}$	$\frac{(x - 3)}{(5x - 2)}$	$\frac{2(x - 3)}{(3x - 2)}$
j)	k)	l)
$\frac{(x + 4)(x - 3)}{2(x - 5)(x + 1)}$	$\frac{2(x + 4)}{3x(x + 1)}$	$\frac{2x(x - 2)}{(x + 5)(x - 4)}$

Simplifying Algebraic Fractions by Factorising Answer Key

Increasingly
Difficult
Exercises

a)	b)	c)
$(x + 3)(x + 2)$	$(x + 8)(x - 2)$	$(2x + 3)(x - 1)$
d)	e)	f)
$\frac{(x - 1)}{(x + 2)}$	$\frac{(x + 2)}{(x - 4)}$	$\frac{(2x + 1)}{(3x - 1)}$
g)	h)	i)
$\frac{(3x + 4)}{(3x - 1)}$	$\frac{(x - 3)}{(5x - 2)}$	$\frac{2(x - 3)}{(3x - 2)}$
j)	k)	l)
$\frac{(x + 4)(x - 3)}{2(x - 5)(x + 1)}$	$\frac{2(x + 4)}{3x(x + 1)}$	$\frac{2x(x - 2)}{(x + 5)(x - 4)}$