

CSEC MATH WORKSHEET
ALGEBRA LESSON 2

Simplification of Fractional expressions and Factorization

1. Simplify EACH expression

(a) $\frac{3p}{q} + \frac{q}{p}$

(b) $\frac{3}{y} - \frac{2}{y+3}$

(c) $\frac{2}{a-3} + \frac{3}{a}$

(d) $\frac{x-1}{3} + \frac{x+2}{4}$

(e) $\frac{2}{x-1} - \frac{3}{x+1}$

2. Factorise EACH expression.

(a) $x^2 - 5x$

(b) $4y^2 + 2y$

(c) $5a^2b + ab^2$

(d) $7mp^2 + 14m^2p$

(e) $6l^2m^2 - 8lm^3$