

1. June/2022/Paper_11/No.13

(a) Expand and simplify.

(i) $(x+3)(x-4)$

..... [2]

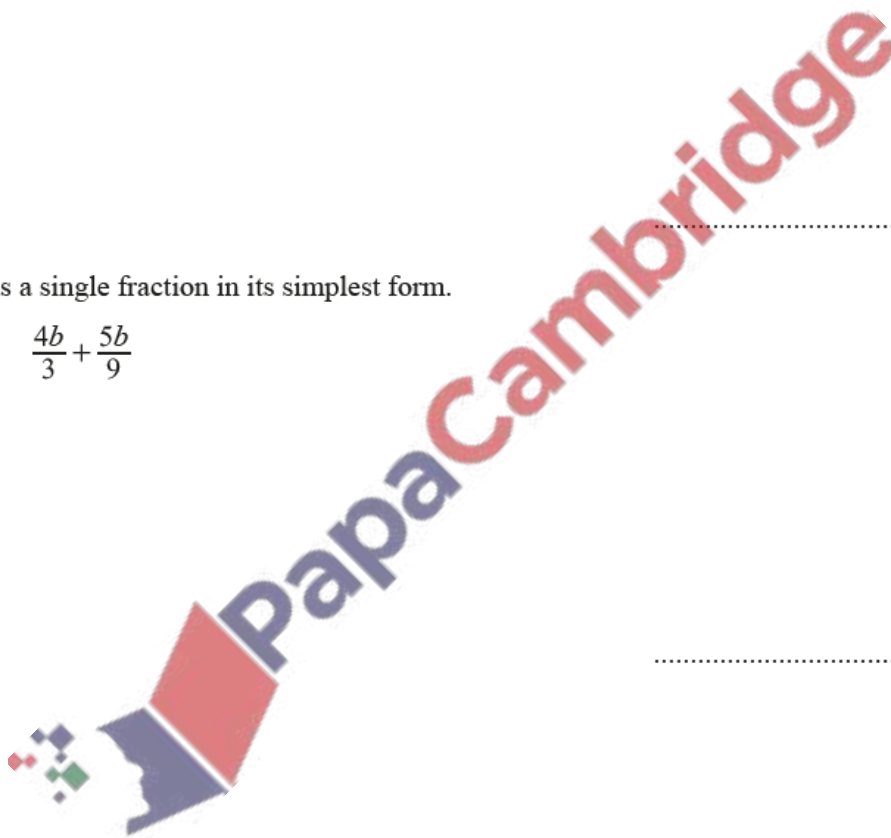
(ii) $5(x+2) - 2(2x-1)$

..... [2]

(b) Write as a single fraction in its simplest form.

$$\frac{4b}{3} + \frac{5b}{9}$$

..... [2]



2. June/2022/Paper_11/No.22

Factorise.

(a) $5ax - 3ay - 10cx + 6cy$

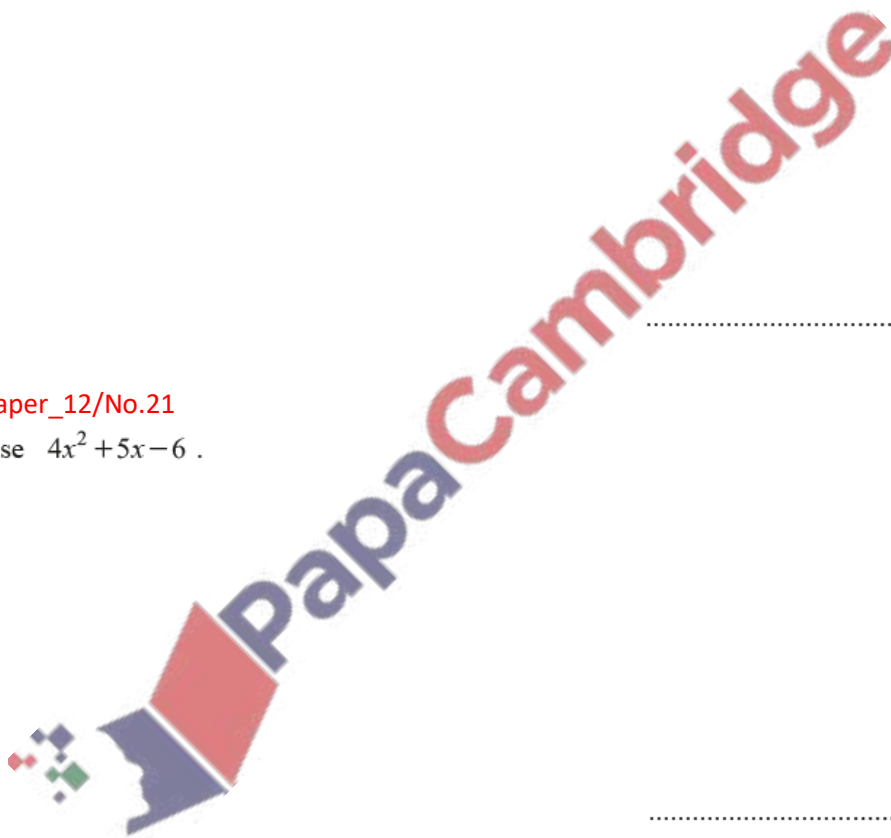
..... [2]

(b) $15x^2 - 7x - 4$

..... [2]

3. June/2022/Paper_12/No.21

(a) Factorise $4x^2 + 5x - 6$.



..... [2]

(b) Simplify $\left(\frac{16}{x^6}\right)^{\frac{1}{2}}$.

..... [2]