

Maths Paper 1

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12:00pm

1)

(i) x^{17}

(ii) $\frac{x^{11}}{48x^{11}}$

(iii) $\frac{x^2 \times x^{10} \times x}{x^3} = \frac{x^{13}}{x^3} = x^{10}$

(iv) $\frac{x^{10}}{2\sqrt{x} \times 3\sqrt{x}} = x^{\frac{1}{2}} \times x^{\frac{1}{2}}$

$= x^{\frac{5}{2}}$

(v) $1 = \frac{x}{x} = x^0$

2)

(i) $7x - 1 = 5x + 4$

$7x = 5x + 5$

$2x = 5$

$x = 2.5$

$x = 2.5$