

MATEMATIK TINGKATAN 3

MARKAH



BAB 1: INDEKS

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1.2

HUKUM INDEKS

Padankan setiap yang berikut dengan jawapan yang tepat

$$m^2 \times m^3$$

•

$$m^{11}$$

•

$$m^4 \times m^4$$

•

$$m^8$$

•

$$m^6 \div m^3$$

•

$$m^5$$

•

$$m^9 \times m^2$$

•

$$m^7$$

•

$$m^{11} \div m^4$$

•

$$m^3$$

•

$$m^5 \times m^4$$

•

$$m^6$$

•

$$m^{10} \div m^4$$

•

$$m^9$$

•

Klik jawapan yang tepat bagi setiap yang berikut

$(m^2)^5$		m^{10}	m^7
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$(s^3)^4$		s^{12}	s^7
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$(a^{-2})^3$		a^6	a^{-6}
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$(x^6)^{-2}$		x^{-12}	x^4
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Nyatakan setiap yang berikut dalam bentuk indeks positif

a^{-4}	$= \frac{1}{\begin{array}{ c } \hline \\ \hline \end{array} \begin{array}{ c } \hline \\ \hline \end{array}}$
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r^{-7}	$= \frac{1}{\begin{array}{ c } \hline \\ \hline \end{array} \begin{array}{ c } \hline \\ \hline \end{array}}$
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s^{-2}	$= \frac{1}{\begin{array}{ c } \hline \\ \hline \end{array} \begin{array}{ c } \hline \\ \hline \end{array}}$
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x^{-3}	$= \frac{1}{\begin{array}{ c } \hline \\ \hline \end{array} \begin{array}{ c } \hline \\ \hline \end{array}}$
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t^{-3}	$= \frac{1}{\begin{array}{ c } \hline \\ \hline \end{array} \begin{array}{ c } \hline \\ \hline \end{array}}$
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r^{-4}	$= \frac{1}{\begin{array}{ c } \hline \\ \hline \end{array} \begin{array}{ c } \hline \\ \hline \end{array}}$
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