1.2 HUKUM INDEKS

Uji minda 1.2 a

1. Permudahkan setiap yang berikut. Isi jawapan akhir sahaja.

a) $3^2 \times 3 \times 3^4$	$\square^{\square}$
b) $(-0.4)^4 \times (-0.4)^3 \times (-0.4)$	$\square^{\square}$
c) $\left(\frac{4}{7}\right) \times \left(\frac{4}{7}\right)^3 \times \left(\frac{4}{7}\right)^5$	$\left(\frac{\square}{\square}\right)^{\square}$
d) $\left(\frac{2}{5}\right)^2 \times \left(\frac{2}{5}\right)^3 \times \left(\frac{2}{5}\right)^5$	$\left(\frac{\square}{\square}\right)^{\square}$
e) $4m^2 \times \frac{1}{2}m^3 \times (-3)m^4$	$\square^{\square}$
f) $n^6 \times \frac{4}{25}n^2 \times \frac{5}{4}n^3 \times n$	$\frac{\square}{\square}\square^{\square}$

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2. Nyatakan dalam bentuk paling ringkas

g) $5^4 \times 9^3 \times 5 \times 9^2$	$\square^{\square}$ x $\square^{\square}$
h) $(0.4)^2 \times (1.2)^3 \times (0.4) \times (1.2)^5 \times (1.2)$	$\square^{\square}$ x $\square^{\square}$
i) $12x^5 \times y^3 \times \frac{1}{2}x \times 2y^4$	$\square^{\square}$ x $\square^{\square}$
j) $-2k^5 \times p^6 \times 4p^5 \times 3k$	$\square^{\square}$ x $\square^{\square}$