

1.2 HUKUM INDEKS

Uji minda 1.2 a

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

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

2. Nyatakan dalam bentuk paling ringkas

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

- a)
- b)
- c)
- d)