1		1.45	P1 P1 A1 P1 A2	for converting to a common base with at least one correct conversion, eg. $(16 =) 2^4$ or $(8 =) 2^3$ (dep) for correct use of index laws to derive an equation, eg. $4 \times \frac{1}{5} + x = 3 \times \frac{3}{4}$ oe for 1.45 oe (accept $2^{1.45}$) OR for a process to find the value of 2^x, eg. $8^{\frac{3}{4}} \div 16^{\frac{1}{5}} = 2.73\ldots$ for 1.45 oe (accept $2^{1.45}$)

2	$\frac{3}{4}$ oe	P1 P1 A1	for a first step to converting to a common base with one correct conversion, eg. $9^{-\frac{1}{2}} = 3^{-1}$ or $\frac{1}{3}$ or $27^{\frac{1}{4}} = 3^{\frac{3}{4}}$ oe (dep) for $3^{-1} = 3^{\frac{3}{4}} \div 3^{x+1}$ oe cao	$9^{-\frac{1}{2}} = 3^{-1}$ (or $\frac{1}{3}$) oe or $27^{\frac{1}{4}} = 3^{\frac{3}{4}}$ oe seen alone gets the P1