

1	$5\frac{5}{6}$	P1	for $2^x = 2^{n-\frac{1}{3}}$ or $2^y = 2^{\frac{5}{2}}$ or $x = n - \frac{1}{3}$ oe or $y = \frac{5}{2}$ oe or for $(2^{x+y}) = \frac{2^n}{\sqrt[3]{2}} \times (\sqrt{2})^5$	
		P1	for $2^{x+y} = 2^{n-\frac{1}{3}+\frac{5}{2}}$ or $x+y = n - \frac{1}{3} + \frac{5}{2}$ oe or $\frac{11}{2} = n - \frac{1}{3}$ oe	
		A1	oe eg $\frac{35}{6}$	