

Question	Answer	Mark	Mark scheme	Additional guidance
4	70	P1	for process to find number of discs in the bag, eg $24 \div 0.16$ (= 150) <b>or</b> for process to find the total probability of red or blue, eg $1 - 0.16$ $\left( = 0.84 \text{ or } \frac{21}{25} \text{ oe} \right)$	May be implied by 126
		P1	for process to work with the ratio eg $([\text{total}] - 24) \div (5 + 4)$ (= 14) <b>or</b> for a process to find the probability of red, eg $[\text{probability}] \div (5 + 4) \times 5$ $\left( = 0.46... \text{ or } \frac{7}{15} \right)$	0.46 or better or 0.47 may imply P2 [total] can be any integer [probability] can be any value less than 1
		P1	for a complete correct process to find the number of red discs eg "14"×5 <b>or</b> "0.46..."×24÷0.16 <b>or</b> an answer of $\frac{70}{150}$	If correct processes seen to find the total for both red and blue or 70 : 56 award P3 Must come from correct use of probability and ratio in either order
		A1	for 70	If the values for red and blue are found, the value for red must be clearly identified as the answer to gain A1