

Question	Answer	Mark	Mark scheme	Additional guidance
7	7.5	P1	for process to find the number of empty jars eg $3 \div 8 \times 400$ oe (= 150)	
		P1	for start of process to deal with ratios eg 3 : 4 and 4 : 8 or 3 : 4 : 8 oe	
		P1	for process to find the number of empty small jars eg $\frac{3}{3+4+8} \times \text{"150"}$ oe (= 30) or 30 : 40 : 80	
		P1	for process to find percentage, eg $\frac{\text{"30"}}{400} \times 100$ oe or $\frac{\text{"7.5"}}{100}$	
		A1	for 7.5 or $7\frac{1}{2}$ oe OR	
		P1	for start of process to deal with ratios eg 3 : 4 and 4 : 8 or 3 : 4 : 8 oe	
		P1	for process to find the proportion of the empty jars that are small eg $\frac{3}{3+4+8} (= \frac{1}{5})$	
		P1	for process to find the proportion of Kasim's jars that are empty small jars eg $\frac{3}{8} \times \text{"}\frac{1}{5}\text{"}$ (= $\frac{3}{40}$)	
		P1	for process to find percentage, eg $\text{"}\frac{3}{40}\text{"} \times 100$ oe or $\frac{\text{"7.5"}}{100}$	
		A1	for 7.5 or $7\frac{1}{2}$ oe	