Paper: 1MA1/2F

Question	Answer	Mark	Mark scheme	Additional guidance
15	10	P1	for process to find total number of buttons 20 + 12 (= 32)	
		P1	for process to work with probability, eg "32" ÷ 4 (= 8) **or** "32" ÷ 4 × 3 (= 24)	May be implied by $\frac{"8"}{"32"}$
		P1	for process to find number of extra blue buttons required, eg "8" – 6 (= 2) **or** for process to find number of extra reds, eg 12 – ("8" – 6) **or** for process to find new total number of red buttons, eg (6 + 5 +12) – "8" (= 15) or "32" – "8" – 9 (= 15) or "24" – 9 (= 15)	May be implied by 8 : 9 : 15 or $\frac{"10"}{"32"}$
		A1	(dep P2) cao	Answer of 10 only scores no marks