

Topic Test 1 Mark Scheme

Probability - Foundation

Q	Answer	Mark	Comments
1(a)	$12 \div 360$ seen or $\frac{12}{360}$ seen	M1	May be implied by eg 12 out of 360, 12 in 360, 1 out of 30, 1 in 30 Ratio is M0
	$\frac{1}{30}$	A1	
1(b)	$90 \div 360$ or $360 \div 90$ seen	M1	oe May be implied by 4 or $\frac{1}{4}$ seen. Ratio is M0
	4	A1	
2(a)	$\frac{3}{8}$	B1	oe
2(b)	$\frac{4}{8}$ or $\frac{1}{2}$	B1	oe
2(c)	$\frac{2}{8}$ or $\frac{1}{4}$	B1	oe
2(d)	$\frac{6}{8}$ or $\frac{3}{4}$	B1	oe
3	$40 \div 8 \times 3$ or 15	M1	oe
	$40 \div 5$ or 8	M1	
	$40 - 23$ or $40 - \text{their } 15 - \text{their } 8$ or 17	M1dep	
	$\frac{17}{40}$	A1	oe

Q	Answer	Mark	Comments
4(a)	8 seen	M1	
	$\frac{8}{30}$ or $\frac{4}{15}$	A1	oe
4(b)	2 + 5 + 4 or 12 – 1 or 11	M1	
	$\frac{11}{30}$	A1	oe
4(c)	5 + 3 or 8	M1	
	$\frac{8}{18}$	M1dep	
	$\frac{4}{9}$	A1	