

## Question 1 – 3:

1(a)	150	2	<b>B1</b> for answer 150 <i>k</i> or <b>M1</b> for prime factors of 30 or 75 seen or a list of multiples of both 30 and 75 with at least 3 of each or for $\frac{30 \times 75}{15}$ oe or for answer $2 \times 3 \times 5^2$
1(b)	152 190 266	3	Accept in any order <b>B2</b> for two correct answers or <b>M1</b> for $\frac{608}{4+5+7} \times k$ oe where $k=1, 4, 5, 7$
1(c)	$2.61 \times 10^{-2}$ $2.61 \times 10^{-2}$ or $2.608... \times 10^{-2}$	2	<b>B1</b> for figs 2608 or 261 seen  If 0 scored, <b>SC1</b> for answer $2.6[0] \times 10^{-2}$ without more accurate value in standard form seen
1(d)	$\frac{27}{99}$ oe fraction	1	
1(e)	2.8	1	
	g/cm <sup>3</sup> or g cm <sup>-3</sup>	1	