

### Rounding Numbers Mark Scheme

<b>1(a)</b>	355 Rounds up to 400	<b>[1]</b> Nearest hundred
<b>1(b)</b>	8596 Rounds up to 9000	<b>[1]</b> Nearest thousand
<b>1(c)</b>	1406 Rounds up to 1410	<b>[1]</b> Nearest ten
<b>1(d)</b>	103.459 Rounds down to 103	<b>[1]</b> Nearest whole number
<b>1(a)</b>	0.593 Rounds up to 1	<b>[1]</b> Nearest whole number
<b>2(a)</b>	9.89 Rounds up to 9.9	<b>[1]</b> One decimal place
<b>2(b)</b>	11.345 Rounds up to 11.35	<b>[1]</b> Two decimal places
<b>2(c)</b>	0.544 Rounds down to 0.5	<b>[1]</b> One decimal place
<b>2(d)</b>	14.111 Rounds down to 14.11	<b>[1]</b> Two decimal places
<b>2(e)</b>	0.00432 Rounds down to 0.004	<b>[1]</b> Three decimal places
<b>3(a)</b>	47371 fans rounded to the nearest thousand is 47,000	<b>[1]</b> Nearest thousand
<b>3(b)</b>	£34.50 to the nearest pound is £35	<b>[1]</b> Nearest pound
<b>3(c)</b>	82.5% Rounds up to 83%	<b>[1]</b> Two significant figures
<b>4(a)</b>	4012 Rounds down to 4010	<b>[1]</b> Three significant figures
<b>4(b)</b>	1.23 Rounds down to 1.2	<b>[1]</b> Two significant figures
<b>4(c)</b>	0.0354 Rounds up to 0.04	<b>[1]</b> One significant figure
<b>4(d)</b>	1.0095 Rounds down to 1.0	<b>[1]</b> Two significant figures
<b>4(e)</b>	685.212 Rounds down to 685.2	<b>[1]</b> Four significant figures
<b>5(a)</b>	1566.56 Rounds up to 1566.6	<b>[1]</b> One decimal place
<b>5(b)</b>	1566.56 Rounds up to 1567	<b>[1]</b> Nearest integer
<b>5(c)</b>	1566.56 Rounds up to 1570	<b>[1]</b> Nearest ten
<b>5(d)</b>	1566.56 Rounds up to 2000	<b>[1]</b> Nearest thousand

END