



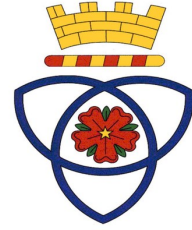
Good	Great	Super																																		
✈️ I can double and halve decimals with 1 dp.																																				
Halve...																																				
<table border="1" style="width:100%; text-align: center; border-collapse: collapse;"> <tr><td>1.6</td><td>2.2</td><td>3.6</td><td>4.8</td><td>5.2</td><td>6.4</td><td>7.8</td><td>8.6</td><td>9.4</td><td>1.3</td><td>2.5</td><td>3.7</td><td>4.9</td><td>5.3</td><td>6.1</td><td>7.5</td></tr> <tr><td>0.8</td><td>1.1</td><td>1.8</td><td>2.4</td><td>2.6</td><td>3.2</td><td>3.9</td><td>4.3</td><td>4.7</td><td>0.65</td><td>1.25</td><td>1.85</td><td>2.45</td><td>2.65</td><td>3.05</td><td>3.75</td></tr> </table>			1.6	2.2	3.6	4.8	5.2	6.4	7.8	8.6	9.4	1.3	2.5	3.7	4.9	5.3	6.1	7.5	0.8	1.1	1.8	2.4	2.6	3.2	3.9	4.3	4.7	0.65	1.25	1.85	2.45	2.65	3.05	3.75		
1.6	2.2	3.6	4.8	5.2	6.4	7.8	8.6	9.4	1.3	2.5	3.7	4.9	5.3	6.1	7.5																					
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1.4	2.4	3.3	4.1	5.2	6.5	7.4	8.5	1.6	2.7	3.8	4.9	5.5	6.8	7.6	8.8																					
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✈️ I can add and subtract decimals with 1 dp.																																				
$2.5 + 1.3 = 3.8$ $1.7 + 4.2 = 5.9$ $4.3 + 1.1 = 5.4$ $2.3 + 1.7 = 4.0$ $6.7 + 3.2 = 9.9$	$4.6 + 2.5 = 7.1$ $3.6 + 5.9 = 9.5$ $3.4 + 5.8 = 9.2$ $7.4 - 6.2 = 1.2$ $3.5 - 1.4 = 2.1$	$8.5 - 2.4 = 6.1$ $4.3 - 2.4 = 1.9$ $7.5 - 3.6 = 3.9$ $6.8 - 2.5 = 4.3$ $6.3 - 4.8 = 1.5$																																		
✈️ I can find the remainder after dividing a 2 digit number by a 1 digit number using jottings.																																				
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>34 ÷ 5 = 6 r4</td><td>28 ÷ 3 = 9 r1</td></tr> <tr><td>17 ÷ 2 = 8 r1</td><td>14 ÷ 3 = 4 r2</td></tr> <tr><td>16 ÷ 5 = 3 r1</td><td>23 ÷ 3 = 7 r2</td></tr> <tr><td>42 ÷ 5 = 8 r2</td><td>31 ÷ 4 = 7 r3</td></tr> <tr><td>19 ÷ 2 = 9 r1</td><td>35 ÷ 4 = 8 r3</td></tr> </table>	34 ÷ 5 = 6 r4	28 ÷ 3 = 9 r1	17 ÷ 2 = 8 r1	14 ÷ 3 = 4 r2	16 ÷ 5 = 3 r1	23 ÷ 3 = 7 r2	42 ÷ 5 = 8 r2	31 ÷ 4 = 7 r3	19 ÷ 2 = 9 r1	35 ÷ 4 = 8 r3	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>22 ÷ 4 = 5 r2</td><td>17 ÷ 7 = 2 r3</td></tr> <tr><td>13 ÷ 4 = 3 r1</td><td>25 ÷ 7 = 3 r4</td></tr> <tr><td>16 ÷ 6 = 2 r4</td><td>53 ÷ 7 = 7 r4</td></tr> <tr><td>45 ÷ 6 = 7 r3</td><td>23 ÷ 8 = 2 r7</td></tr> <tr><td>58 ÷ 6 = 9 r4</td><td>47 ÷ 8 = 5 r7</td></tr> </table>	22 ÷ 4 = 5 r2	17 ÷ 7 = 2 r3	13 ÷ 4 = 3 r1	25 ÷ 7 = 3 r4	16 ÷ 6 = 2 r4	53 ÷ 7 = 7 r4	45 ÷ 6 = 7 r3	23 ÷ 8 = 2 r7	58 ÷ 6 = 9 r4	47 ÷ 8 = 5 r7	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>62 ÷ 8 = 7 r6</td><td>58 ÷ 4 = 14 r2</td></tr> <tr><td>67 ÷ 9 = 7 r4</td><td>63 ÷ 5 = 12 r3</td></tr> <tr><td>46 ÷ 9 = 5 r1</td><td>75 ÷ 6 = 12 r3</td></tr> <tr><td>74 ÷ 9 = 8 r2</td><td>88 ÷ 7 = 12 r4</td></tr> <tr><td>43 ÷ 3 = 14 r1</td><td>95 ÷ 8 = 11 r7</td></tr> </table>	62 ÷ 8 = 7 r6	58 ÷ 4 = 14 r2	67 ÷ 9 = 7 r4	63 ÷ 5 = 12 r3	46 ÷ 9 = 5 r1	75 ÷ 6 = 12 r3	74 ÷ 9 = 8 r2	88 ÷ 7 = 12 r4	43 ÷ 3 = 14 r1	95 ÷ 8 = 11 r7				
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✈️ I can double 3 digit multiples of 10 to 500 and find corresponding halves, using jottings.																																				
<table border="1" style="width:100%; text-align: center; border-collapse: collapse;"> <tr><td>120</td><td>160</td><td>180</td><td>230</td><td>250</td><td>270</td><td>290</td><td>310</td><td>320</td><td>340</td><td>350</td><td>380</td><td>390</td><td>410</td><td>430</td><td>460</td><td>490</td></tr> <tr><td>240</td><td>320</td><td>360</td><td>460</td><td>500</td><td>540</td><td>580</td><td>620</td><td>640</td><td>680</td><td>700</td><td>760</td><td>780</td><td>820</td><td>860</td><td>920</td><td>980</td></tr> </table>			120	160	180	230	250	270	290	310	320	340	350	380	390	410	430	460	490	240	320	360	460	500	540	580	620	640	680	700	760	780	820	860	920	980
120	160	180	230	250	270	290	310	320	340	350	380	390	410	430	460	490																				
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Parkfield Maths Passport



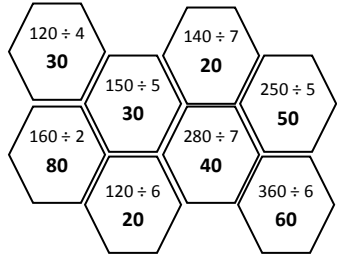
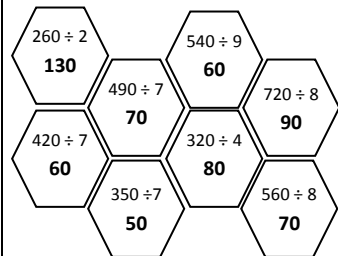
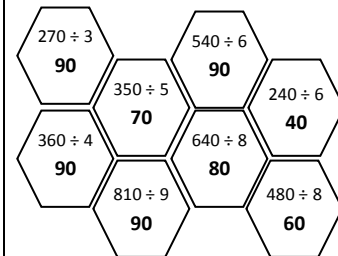
South America



Y5



Name:

Good	Great	Super																														
🚲 I can multiply by 20, 25 and 50 with jottings.																																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>5 x 20 = 100</td><td>15 x 20 = 300</td></tr> <tr><td>8 x 20 = 160</td><td>24 x 20 = 480</td></tr> <tr><td>4 x 20 = 80</td><td>32 x 20 = 640</td></tr> <tr><td>9 x 20 = 180</td><td>55 x 20 = 1100</td></tr> <tr><td>6 x 20 = 120</td><td>67 x 20 = 1340</td></tr> </table>	5 x 20 = 100	15 x 20 = 300	8 x 20 = 160	24 x 20 = 480	4 x 20 = 80	32 x 20 = 640	9 x 20 = 180	55 x 20 = 1100	6 x 20 = 120	67 x 20 = 1340	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>12 x 50 = 600</td><td>36 x 50 = 1800</td></tr> <tr><td>15 x 50 = 750</td><td>38 x 50 = 1900</td></tr> <tr><td>17 x 50 = 850</td><td>45 x 50 = 2250</td></tr> <tr><td>23 x 50 = 1150</td><td>49 x 50 = 2450</td></tr> <tr><td>26 x 50 = 1300</td><td>63 x 50 = 3150</td></tr> </table>	12 x 50 = 600	36 x 50 = 1800	15 x 50 = 750	38 x 50 = 1900	17 x 50 = 850	45 x 50 = 2250	23 x 50 = 1150	49 x 50 = 2450	26 x 50 = 1300	63 x 50 = 3150	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>12 x 25 = 300</td><td>35 x 25 = 875</td></tr> <tr><td>15 x 25 = 375</td><td>32 x 25 = 800</td></tr> <tr><td>18 x 25 = 450</td><td>44 x 25 = 1100</td></tr> <tr><td>22 x 25 = 550</td><td>55 x 25 = 1375</td></tr> <tr><td>25 x 25 = 625</td><td>78 x 25 = 1950</td></tr> </table>	12 x 25 = 300	35 x 25 = 875	15 x 25 = 375	32 x 25 = 800	18 x 25 = 450	44 x 25 = 1100	22 x 25 = 550	55 x 25 = 1375	25 x 25 = 625	78 x 25 = 1950
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🚲 I can multiply and divide by 10, 100 and 1000.																																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>23 x 10 = 230</td><td>25 ÷ 10 = 2.5</td></tr> <tr><td>54 x 100 = 5,400</td><td>64 ÷ 10 = 6.4</td></tr> <tr><td>42 x 1000 = 42,000</td><td>78 ÷ 10 = 7.8</td></tr> <tr><td>56 x 1000 = 56,000</td><td>89 ÷ 10 = 8.9</td></tr> </table>	23 x 10 = 230	25 ÷ 10 = 2.5	54 x 100 = 5,400	64 ÷ 10 = 6.4	42 x 1000 = 42,000	78 ÷ 10 = 7.8	56 x 1000 = 56,000	89 ÷ 10 = 8.9	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>4.5 x 10 = 45</td><td>25 ÷ 100 = 0.25</td></tr> <tr><td>5.8 x 10 = 58</td><td>64 ÷ 100 = 0.64</td></tr> <tr><td>6.7 x 100 = 670</td><td>78 ÷ 100 = 0.78</td></tr> <tr><td>2.7 x 100 = 270</td><td>89 ÷ 100 = 0.89</td></tr> </table>	4.5 x 10 = 45	25 ÷ 100 = 0.25	5.8 x 10 = 58	64 ÷ 100 = 0.64	6.7 x 100 = 670	78 ÷ 100 = 0.78	2.7 x 100 = 270	89 ÷ 100 = 0.89	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>3.4 x 1000 = 3400</td></tr> <tr><td>8.9 x 1000 = 8900</td></tr> <tr><td>5.6 ÷ 1000 = 0.0056</td></tr> <tr><td>7.5 ÷ 1000 = 0.0075</td></tr> <tr><td>8.9 ÷ 1000 = 0.0089</td></tr> </table>	3.4 x 1000 = 3400	8.9 x 1000 = 8900	5.6 ÷ 1000 = 0.0056	7.5 ÷ 1000 = 0.0075	8.9 ÷ 1000 = 0.0089									
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In Y5 you must keep practising all times tables up to 12 x 12.

Good	Great	Super
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I can multiply and divide 2 digit numbers by 4, 5 and 8 with jottings.

<table border="1" style="width:100%;"> <tr><td>32 x 5 160</td><td>85 x 5 425</td></tr> <tr><td>38 x 5 190</td><td>96 x 5 480</td></tr> <tr><td>42 x 5 210</td><td>64 x 5 320</td></tr> <tr><td>68 x 5 340</td><td>83 x 5 415</td></tr> </table>	32 x 5 160	85 x 5 425	38 x 5 190	96 x 5 480	42 x 5 210	64 x 5 320	68 x 5 340	83 x 5 415	<table border="1" style="width:100%;"> <tr><td>26 x 4 104</td><td>22 x 8 176</td></tr> <tr><td>32 x 4 128</td><td>45 x 8 360</td></tr> <tr><td>28 x 4 112</td><td>35 x 8 280</td></tr> <tr><td>45 x 4 180</td><td>86 x 8 688</td></tr> </table>	26 x 4 104	22 x 8 176	32 x 4 128	45 x 8 360	28 x 4 112	35 x 8 280	45 x 4 180	86 x 8 688	<table border="1" style="width:100%;"> <tr><td>56 ÷ 4 14</td><td>96 ÷ 4 24</td></tr> <tr><td>72 ÷ 4 18</td><td>88 ÷ 8 11</td></tr> <tr><td>84 ÷ 4 11</td><td>88 ÷ 4 22</td></tr> <tr><td>68 ÷ 4 17</td><td>96 ÷ 8 12</td></tr> </table>	56 ÷ 4 14	96 ÷ 4 24	72 ÷ 4 18	88 ÷ 8 11	84 ÷ 4 11	88 ÷ 4 22	68 ÷ 4 17	96 ÷ 8 12
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I can find the difference between near multiples of 100 or 1000 with jottings.

<p>602 - 401 = 201</p> <p>599 - 201 = 398</p> <p>607 - 595 = 12</p> <p>703 - 301 = 402</p> <p>801 - 305 = 496</p>	<p>599 - 395 = 204</p> <p>498 - 399 = 99</p> <p>795 - 299 = 496</p> <p>896 - 599 = 297</p> <p>999 - 398 = 597</p>	<p>8003 - 5001 = 3002</p> <p>7009 - 4005 = 3004</p> <p>7032 - 4025 = 3007</p> <p>5018 - 3015 = 2003</p> <p>4022 - 2018 = 2004</p>
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I can add, subtract and multiply multiples of 10 with jottings.

<table border="1" style="width:100%;"> <tr><td>120 + 240 = 360</td><td>380 + 130 = 510</td></tr> <tr><td>450 + 320 = 770</td><td>340 + 280 = 620</td></tr> <tr><td>460 + 230 = 690</td><td>280 + 290 = 570</td></tr> <tr><td>280 + 310 = 590</td><td>340 + 470 = 810</td></tr> <tr><td>860 + 120 = 980</td><td>230 + 690 = 920</td></tr> </table>	120 + 240 = 360	380 + 130 = 510	450 + 320 = 770	340 + 280 = 620	460 + 230 = 690	280 + 290 = 570	280 + 310 = 590	340 + 470 = 810	860 + 120 = 980	230 + 690 = 920	<table border="1" style="width:100%;"> <tr><td>170 - 150 = 20</td><td>180 - 150 = 30</td></tr> <tr><td>320 - 150 = 170</td><td>340 - 120 = 220</td></tr> <tr><td>450 - 120 = 330</td><td>650 - 490 = 160</td></tr> <tr><td>780 - 210 = 570</td><td>870 - 130 = 740</td></tr> <tr><td>560 - 250 = 310</td><td>660 - 280 = 380</td></tr> </table>	170 - 150 = 20	180 - 150 = 30	320 - 150 = 170	340 - 120 = 220	450 - 120 = 330	650 - 490 = 160	780 - 210 = 570	870 - 130 = 740	560 - 250 = 310	660 - 280 = 380	<table border="1" style="width:100%;"> <tr><td>30 x 50 = 1500</td><td>800 x 4 = 3200</td></tr> <tr><td>60 x 70 = 4200</td><td>600 x 5 = 3000</td></tr> <tr><td>40 x 80 = 3200</td><td>700 x 3 = 2100</td></tr> <tr><td>60 x 30 = 1800</td><td>400 x 9 = 3600</td></tr> <tr><td>90 x 70 = 6300</td><td>500 x 7 = 3500</td></tr> </table>	30 x 50 = 1500	800 x 4 = 3200	60 x 70 = 4200	600 x 5 = 3000	40 x 80 = 3200	700 x 3 = 2100	60 x 30 = 1800	400 x 9 = 3600	90 x 70 = 6300	500 x 7 = 3500
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60 x 30 = 1800	400 x 9 = 3600																															
90 x 70 = 6300	500 x 7 = 3500																															

I can add/subtract a near multiple of 10 or 100 to any three digit number.

<table border="1" style="width:100%;"> <tr><td>+</td><td>31</td><td>41</td><td>61</td><td>79</td></tr> <tr><td>125</td><td>156</td><td>166</td><td>186</td><td>204</td></tr> <tr><td>168</td><td>199</td><td>209</td><td>229</td><td>247</td></tr> <tr><td>224</td><td>255</td><td>265</td><td>285</td><td>303</td></tr> <tr><td>256</td><td>287</td><td>297</td><td>317</td><td>335</td></tr> </table>	+	31	41	61	79	125	156	166	186	204	168	199	209	229	247	224	255	265	285	303	256	287	297	317	335	<table border="1" style="width:100%;"> <tr><td>+</td><td>201</td><td>401</td><td>199</td><td>399</td></tr> <tr><td>146</td><td>447</td><td>547</td><td>345</td><td>545</td></tr> <tr><td>234</td><td>435</td><td>635</td><td>433</td><td>633</td></tr> <tr><td>362</td><td>563</td><td>763</td><td>561</td><td>761</td></tr> <tr><td>476</td><td>677</td><td>877</td><td>675</td><td>875</td></tr> </table>	+	201	401	199	399	146	447	547	345	545	234	435	635	433	633	362	563	763	561	761	476	677	877	675	875	<table border="1" style="width:100%;"> <tr><td>-</td><td>199</td><td>301</td><td>499</td><td>501</td></tr> <tr><td>645</td><td>446</td><td>344</td><td>146</td><td>144</td></tr> <tr><td>573</td><td>374</td><td>272</td><td>74</td><td>72</td></tr> <tr><td>786</td><td>587</td><td>485</td><td>287</td><td>285</td></tr> <tr><td>857</td><td>658</td><td>556</td><td>358</td><td>356</td></tr> </table>	-	199	301	499	501	645	446	344	146	144	573	374	272	74	72	786	587	485	287	285	857	658	556	358	356
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Good	Great	Super
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I know factor pairs to 100.

<table border="1" style="width:100%;"> <tr><td>24</td><td>1 x 24, 2 x 12, 3 x 8, 4 x 6</td></tr> <tr><td>32</td><td>1 x 32, 2 x 16, 4 x 8</td></tr> <tr><td>36</td><td>1 x 36, 2 x 18, 3 x 12, 4 x 9, 6 x 6</td></tr> <tr><td>45</td><td>1 x 45, 3 x 15, 5 x 9</td></tr> </table>	24	1 x 24, 2 x 12, 3 x 8, 4 x 6	32	1 x 32, 2 x 16, 4 x 8	36	1 x 36, 2 x 18, 3 x 12, 4 x 9, 6 x 6	45	1 x 45, 3 x 15, 5 x 9	<table border="1" style="width:100%;"> <tr><td>52</td><td>1 x 52, 2 x 26, 4 x 13</td></tr> <tr><td>60</td><td>1 x 60, 2 x 30, 3 x 20, 4 x 15, 5 x 12, 6 x 10</td></tr> <tr><td>66</td><td>1 x 66, 2 x 33, 3 x 22, 6 x 11</td></tr> <tr><td>90</td><td>1 x 90, 2 x 45, 3 x 30, 5 x 18, 6 x 15, 9 x 10</td></tr> </table>	52	1 x 52, 2 x 26, 4 x 13	60	1 x 60, 2 x 30, 3 x 20, 4 x 15, 5 x 12, 6 x 10	66	1 x 66, 2 x 33, 3 x 22, 6 x 11	90	1 x 90, 2 x 45, 3 x 30, 5 x 18, 6 x 15, 9 x 10	<table border="1" style="width:100%;"> <tr><td>72</td><td>1 x 72, 2 x 36, 3 x 24, 4 x 18, 6 x 12, 8 x 9</td></tr> <tr><td>78</td><td>1 x 78, 2 x 39, 3 x 26, 6 x 13,</td></tr> <tr><td>84</td><td>1 x 84, 2 x 42, 3 x 28,, 4 x 21, 6 x 14, 7 x 12</td></tr> <tr><td>96</td><td>1 x 96, 2 x 48, 3 x 32, 4 x 24, 6 x 16, 8 x 12</td></tr> </table>	72	1 x 72, 2 x 36, 3 x 24, 4 x 18, 6 x 12, 8 x 9	78	1 x 78, 2 x 39, 3 x 26, 6 x 13,	84	1 x 84, 2 x 42, 3 x 28,, 4 x 21, 6 x 14, 7 x 12	96	1 x 96, 2 x 48, 3 x 32, 4 x 24, 6 x 16, 8 x 12
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I know division facts and related unit fractions.

<table border="1" style="width:100%;"> <tr><td>1/3 of 9 = 3</td><td>1/8 of 64 = 8</td></tr> <tr><td>1/4 of 16 = 4</td><td>1/9 of 81 = 9</td></tr> <tr><td>1/5 of 25 = 5</td><td>1/10 of 100 = 10</td></tr> <tr><td>1/6 of 36 = 6</td><td>1/11 of 121 = 11</td></tr> <tr><td>1/7 of 49 = 7</td><td>1/12 of 144 = 12</td></tr> </table>	1/3 of 9 = 3	1/8 of 64 = 8	1/4 of 16 = 4	1/9 of 81 = 9	1/5 of 25 = 5	1/10 of 100 = 10	1/6 of 36 = 6	1/11 of 121 = 11	1/7 of 49 = 7	1/12 of 144 = 12	<table border="1" style="width:100%;"> <tr><td>1/3 of 15 = 5</td><td>1/4 of 36 = 9</td></tr> <tr><td>1/3 of 21 = 7</td><td>1/5 of 20 = 4</td></tr> <tr><td>1/3 of 24 = 8</td><td>1/5 of 45 = 9</td></tr> <tr><td>1/4 of 12 = 3</td><td>1/5 of 30 = 6</td></tr> <tr><td>1/4 of 20 = 5</td><td>1/6 of 18 = 3</td></tr> </table>	1/3 of 15 = 5	1/4 of 36 = 9	1/3 of 21 = 7	1/5 of 20 = 4	1/3 of 24 = 8	1/5 of 45 = 9	1/4 of 12 = 3	1/5 of 30 = 6	1/4 of 20 = 5	1/6 of 18 = 3	<table border="1" style="width:100%;"> <tr><td>1/6 of 30 = 5</td><td>1/8 of 16 = 2</td></tr> <tr><td>1/6 of 48 = 8</td><td>1/8 of 72 = 9</td></tr> <tr><td>1/7 of 21 = 3</td><td>1/8 of 48 = 6</td></tr> <tr><td>1/7 of 35 = 5</td><td>1/9 of 27 = 3</td></tr> <tr><td>1/7 of 56 = 8</td><td>1/9 of 54 = 6</td></tr> </table>	1/6 of 30 = 5	1/8 of 16 = 2	1/6 of 48 = 8	1/8 of 72 = 9	1/7 of 21 = 3	1/8 of 48 = 6	1/7 of 35 = 5	1/9 of 27 = 3	1/7 of 56 = 8	1/9 of 54 = 6
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I know what must be added to a 4 digit number to make the next multiple of 1000.

<p>2300 + ___ = 3000 (700)</p> <p>4500 + ___ = 5000 (500)</p> <p>7200 + ___ = 8000 (800)</p> <p>2300 + ___ = 3000 (700)</p> <p>7800 + ___ = 8000 (200)</p>	<p>4270 + ___ = 5000 (730)</p> <p>4860 + ___ = 5000 (140)</p> <p>7560 + ___ = 8000 (440)</p> <p>2890 + ___ = 3000 (110)</p> <p>7330 + ___ = 8000 (670)</p>	<p>4356 + ___ = 5000 (644)</p> <p>4271 + ___ = 5000 (729)</p> <p>7379 + ___ = 8000 (621)</p> <p>2125 + ___ = 3000 (875)</p> <p>7438 + ___ = 8000 (562)</p>
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I know what must be added to a decimal with units and tenths to make the next whole number.

<p>5.35 + ___ = 6.0 (0.65)</p> <p>2.85 + ___ = 3.0 (0.15)</p> <p>4.75 + ___ = 5.0 (0.25)</p> <p>7.65 + ___ = 8.0 (0.35)</p> <p>2.55 + ___ = 3.0 (0.45)</p>	<p>5.23 + ___ = 6.0 (0.77)</p> <p>2.41 + ___ = 3.0 (0.59)</p> <p>4.34 + ___ = 5.0 (0.46)</p> <p>7.38 + ___ = 8.0 (0.62)</p> <p>2.51 + ___ = 3.0 (0.49)</p>	<p>3.06 + ___ = 4.0 (0.94)</p> <p>5.95 + ___ = 6.0 (0.05)</p> <p>4.96 + ___ = 5.0 (0.04)</p> <p>7.91 + ___ = 8.0 (0.09)</p> <p>2.03 + ___ = 3.0 (0.97)</p>
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