

Good	Great	Super																																		
✈️ I can double and halve decimals with 1 dp.																																				
<b>Halve...</b>																																				
<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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# All Saints' Maths Passport



## Y5

Name: .....

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In Y5 you must keep practising all times tables up to 12 x 12.

<b>Good</b>	<b>Great</b>	<b>Super</b>
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<b>I can multiply and divide 2 digit numbers by 4, 5 and 8 with jottings.</b>		
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<b>I can find the difference between near multiples of 100 or 1000 with jottings.</b>		
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$602 - 401 = 201$ $599 - 201 = 398$ $607 - 595 = 12$ $703 - 301 = 402$ $801 - 305 = 496$	$599 - 395 = 204$ $498 - 399 = 99$ $795 - 299 = 496$ $896 - 599 = 297$ $999 - 398 = 597$	$8003 - 5001 = 3002$ $7009 - 4005 = 3004$ $7032 - 4025 = 3007$ $5018 - 3015 = 2003$ $4022 - 2018 = 2004$
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<b>I can add, subtract and multiply multiples of 10 with jottings.</b>		
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<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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560 - 250 = 310	660 - 280 = 380																															
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																															

<b>I can add/subtract a near multiple of 10 or 100 to any three digit number.</b>		
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<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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<b>Good</b>	<b>Great</b>	<b>Super</b>
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<b>I know factor pairs to 100.</b>		
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<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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<b>I know division facts and related unit fractions.</b>		
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<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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<b>I know what must be added to a 4 digit number to make the next multiple of 1000.</b>		
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2300 + ___ = 3000 (700)	4270 + ___ = 5000 (730)	4356 + ___ = 5000 (644)
4500 + ___ = 5000 (500)	4860 + ___ = 5000 (140)	4271 + ___ = 5000 (729)
7200 + ___ = 8000 (800)	7560 + ___ = 8000 (440)	7379 + ___ = 8000 (621)
2300 + ___ = 3000 (700)	2890 + ___ = 3000 (110)	2125 + ___ = 3000 (875)
7800 + ___ = 8000 (200)	7330 + ___ = 8000 (670)	7438 + ___ = 8000 (562)

<b>I know what must be added to a decimal with ones and tenths to make the next whole number.</b>		
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5.35 + ___ = 6.0 (0.65)	5.23 + ___ = 6.0 (0.77)	3.06 + ___ = 4.0 (0.94)
2.85 + ___ = 3.0 (0.15)	2.41 + ___ = 3.0 (0.59)	5.95 + ___ = 6.0 (0.05)
4.75 + ___ = 5.0 (0.25)	4.34 + ___ = 5.0 (0.46)	4.96 + ___ = 5.0 (0.04)
7.65 + ___ = 8.0 (0.35)	7.38 + ___ = 8.0 (0.62)	7.91 + ___ = 8.0 (0.09)
2.55 + ___ = 3.0 (0.45)	2.51 + ___ = 3.0 (0.49)	2.03 + ___ = 3.0 (0.97)