

Good	Great	Super
<b>I know what must be added to any 3 digit number to make the next multiple of 100.</b>		
130 + <u>  </u> = 200 (70)	135 + <u>  </u> = 200 (65)	128 + <u>  </u> = 200 (72)
270 + <u>  </u> = 300 (30)	265 + <u>  </u> = 300 (35)	264 + <u>  </u> = 300 (36)
340 + <u>  </u> = 400 (60)	315 + <u>  </u> = 400 (85)	371 + <u>  </u> = 400 (29)
420 + <u>  </u> = 500 (80)	455 + <u>  </u> = 500 (45)	467 + <u>  </u> = 500 (33)
680 + <u>  </u> = 700 (20)	875 + <u>  </u> = 900 (25)	688 + <u>  </u> = 700 (12)

Good	Great	Super																																																																											
<b>I can add and subtract multiples of 10, 100 and 1000.</b>																																																																													
<table border="1"> <tr><td>+</td><td>130</td><td>220</td><td>310</td><td>550</td></tr> <tr><td>200</td><td>330</td><td>420</td><td>510</td><td>750</td></tr> <tr><td>400</td><td>530</td><td>620</td><td>710</td><td>950</td></tr> <tr><td>300</td><td>430</td><td>520</td><td>610</td><td>850</td></tr> <tr><td>100</td><td>230</td><td>320</td><td>410</td><td>650</td></tr> </table>	+	130	220	310	550	200	330	420	510	750	400	530	620	710	950	300	430	520	610	850	100	230	320	410	650	<table border="1"> <tr><td>+</td><td>130</td><td>220</td><td>310</td><td>550</td></tr> <tr><td>60</td><td>190</td><td>280</td><td>370</td><td>610</td></tr> <tr><td>90</td><td>220</td><td>310</td><td>400</td><td>640</td></tr> <tr><td>70</td><td>200</td><td>290</td><td>380</td><td>620</td></tr> <tr><td>40</td><td>170</td><td>260</td><td>350</td><td>590</td></tr> </table>	+	130	220	310	550	60	190	280	370	610	90	220	310	400	640	70	200	290	380	620	40	170	260	350	590	<table border="1"> <tr><td>-</td><td>240</td><td>560</td><td>720</td><td>150</td></tr> <tr><td>2000</td><td>1760</td><td>1440</td><td>1280</td><td>1850</td></tr> <tr><td>5000</td><td>4760</td><td>4440</td><td>4280</td><td>4850</td></tr> <tr><td>6000</td><td>5760</td><td>5440</td><td>5280</td><td>5850</td></tr> <tr><td>3000</td><td>2760</td><td>2440</td><td>2280</td><td>2850</td></tr> </table>	-	240	560	720	150	2000	1760	1440	1280	1850	5000	4760	4440	4280	4850	6000	5760	5440	5280	5850	3000	2760	2440	2280	2850
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3000	2760	2440	2280	2850																																																																									

Good	Great	Super
<b>I know by heart the x6 tables.</b>		
1 x 6 = 6    7 x 6 = 42	5 x 6 = 30    10 x 6 = 60	36 ÷ 6 = 6    48 ÷ 6 = 8
2 x 6 = 12    8 x 6 = 48	4 x 6 = 24    8 x 6 = 48	18 ÷ 6 = 3    12 ÷ 6 = 2
3 x 6 = 18    9 x 6 = 54	3 x 6 = 18    2 x 6 = 12	66 ÷ 6 = 11    54 ÷ 6 = 9
4 x 6 = 24    10 x 6 = 60	7 x 6 = 42    6 x 6 = 36	42 ÷ 6 = 7    24 ÷ 6 = 4
5 x 6 = 30    11 x 6 = 66	1 x 6 = 6    11 x 6 = 66	60 ÷ 6 = 10    72 ÷ 6 = 12
6 x 6 = 36    12 x 6 = 72	12 x 6 = 72    9 x 6 = 54	6 ÷ 6 = 1    30 ÷ 6 = 5

Good	Great	Super
<b>I know by heart the x7 tables.</b>		
1 x 7 = 7    7 x 7 = 49	5 x 7 = 35    10 x 7 = 70	42 ÷ 7 = 6    56 ÷ 7 = 8
2 x 7 = 14    8 x 7 = 56	4 x 7 = 28    8 x 7 = 56	21 ÷ 7 = 3    14 ÷ 7 = 2
3 x 7 = 21    9 x 7 = 63	3 x 7 = 21    2 x 7 = 14	77 ÷ 7 = 11    63 ÷ 7 = 9
4 x 7 = 28    10 x 7 = 70	7 x 7 = 49    6 x 7 = 42	49 ÷ 7 = 7    28 ÷ 7 = 4
5 x 7 = 35    11 x 7 = 77	1 x 7 = 7    11 x 7 = 77	70 ÷ 7 = 10    84 ÷ 7 = 12
6 x 7 = 42    12 x 7 = 84	12 x 7 = 84    9 x 7 = 63	7 ÷ 7 = 1    35 ÷ 7 = 5

# Parkfield Maths Passport

North America

Y4

Name: .....

Good	Great	Super															
<b>I can halve any even number to 200.</b>																	
Halve...																	
26	34	48	52	64	78	86	92	108	112	126	134	144	156	168	172	184	196
13	17	24	26	32	39	43	46	54	56	63	67	72	78	84	86	92	98

Good	Great	Super
<b>I know by heart the x9 tables.</b>		
1 x 9 = 9    7 x 9 = 63	5 x 9 = 45    10 x 9 = 90	54 ÷ 9 = 6    72 ÷ 9 = 8
2 x 9 = 18    8 x 9 = 72	4 x 9 = 36    8 x 9 = 72	27 ÷ 9 = 3    18 ÷ 9 = 2
3 x 9 = 27    9 x 9 = 81	3 x 9 = 27    2 x 9 = 18	99 ÷ 9 = 11    81 ÷ 9 = 9
4 x 9 = 36    10 x 9 = 90	7 x 9 = 63    6 x 9 = 54	63 ÷ 9 = 7    36 ÷ 9 = 4
5 x 9 = 45    11 x 9 = 99	1 x 9 = 9    11 x 9 = 99	90 ÷ 9 = 10    108 ÷ 9 = 12
6 x 9 = 54    12 x 9 = 108	12 x 9 = 108    9 x 9 = 81	9 ÷ 9 = 1    45 ÷ 9 = 5

Good	Great	Super
<b>I can, with jottings, find unit fractions and simple non-unit fractions of numbers and quantities.</b>		
1/3 of 6 = 2	1/6 of 18 = 3	2/5 of 25 = 10
1/5 of 25 = 5	1/10 of 30 = 3	2/3 of 12 = 4
1/4 of 24 = 6	1/5 of 30 = 6	4/5 of 60 = 48
1/8 of 16 = 2	1/2 of 22 = 11	2/3 of 15 = 10
		2/5 of 20 = 8
		5/6 of 42 = 35
		3/5 of 35 = 21
		2/3 of 18 = 12
		3/4 of 200g = 150g
		5/6 of 300g = 250g
		1/3 of 120ml = 40ml
		3/8 of 40km = 15km

<b>Good</b>	<b>Great</b>	<b>Super</b>
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I can add near doubles of 2 digit numbers.

$61 + 60 = 121$ $80 + 81 = 161$ $51 + 50 = 101$ $72 + 70 = 142$	$92 + 90 = 182$ $71 + 69 = 140$ $129$ $123$ $169$ $149$ $165$	$58 + 59 = 117$ $62 + 61 = 123$ $117$ $111$ $173$ $193$ $115$
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I know doubles of numbers to 100 and corresponding halves.

**Double...**

17	19	21	27	32	35	44	49	56	57	62	65	74	79	86	88	93	97
34	38	42	54	64	70	88	98	112	114	124	130	148	158	172	176	186	194

I can use partitioning to calculate mentally.

$55 + 36$	$50 + 30 + 6 + 5 = 91$	$155 + 30$	$100 + 50 + 30 + 5 = 185$	$186 - 40$	$100 + 80 + 6 - 40 = 146$
$43 + 39$	$40 + 30 + 9 + 3 = 82$	$142 + 40$	$100 + 40 + 40 + 2 = 182$	$197 - 70$	$100 + 90 + 7 - 70 = 127$
$45 + 29$	$40 + 20 + 9 + 5 = 74$	$241 + 50$	$200 + 40 + 50 + 1 = 291$	$154 - 30$	$100 + 50 + 4 - 30 = 124$
$68 - 32$	$60 - 30 + 8 - 2 = 36$	$453 + 20$	$400 + 50 + 20 + 3 = 473$	$348 - 30$	$300 + 40 + 8 - 30 = 318$
$87 - 45$	$80 - 40 + 7 - 5 = 42$	$185 + 40$	$100 + 80 + 40 + 5 = 225$	$584 - 60$	$500 + 80 + 4 - 60 = 524$

I know by heart the x11 tables.

$1 \times 11 = 11$	$7 \times 11 = 77$	$5 \times 11 = 55$	$10 \times 11 = 110$	$66 \div 11 = 6$	$88 \div 11 = 8$
$2 \times 11 = 22$	$8 \times 11 = 88$	$4 \times 11 = 44$	$8 \times 11 = 88$	$33 \div 11 = 3$	$22 \div 11 = 2$
$3 \times 11 = 33$	$9 \times 11 = 99$	$3 \times 11 = 33$	$2 \times 11 = 22$	$121 \div 11 = 11$	$99 \div 11 = 9$
$4 \times 11 = 44$	$10 \times 11 = 110$	$7 \times 11 = 77$	$6 \times 11 = 66$	$77 \div 11 = 7$	$44 \div 11 = 4$
$5 \times 11 = 55$	$11 \times 11 = 121$	$1 \times 11 = 11$	$11 \times 11 = 121$	$110 \div 11 = 10$	$132 \div 11 = 12$
$6 \times 11 = 66$	$12 \times 11 = 132$	$12 \times 11 = 132$	$9 \times 11 = 99$	$11 \div 11 = 1$	$55 \div 11 = 5$

<b>Good</b>	<b>Great</b>	<b>Super</b>
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I can double a multiple of 10 or 100.

**Double...**

60	70	80	90	140	160	190	300	500	700	800	1200	1300	1400	1500	1600	1700	1800
120	140	160	180	280	320	380	600	1000	1400	1600	2400	2600	2800	3000	3200	3400	3600

I can recall number bonds to 1000.

$150 + 850$	$50 + 950$	$130 + 870$	$180 + 820$	$255 + 745$	$364 + 636$
$350 + 650$	$310 + 690$	$380 + 620$	$360 + 640$	$168 + 832$	$487 + 513$
$750 + 250$	$810 + 190$	$720 + 280$	$860 + 140$	$684 + 316$	$522 + 478$
$450 + 550$	$610 + 390$	$490 + 510$	$530 + 470$	$934 + 66$	$785 + 215$

With jottings

I know by heart the x12 tables.

$1 \times 12 = 12$	$7 \times 12 = 84$	$5 \times 12 = 60$	$10 \times 12 = 120$	$72 \div 12 = 6$	$96 \div 12 = 8$
$2 \times 12 = 24$	$8 \times 12 = 96$	$4 \times 12 = 48$	$8 \times 12 = 96$	$36 \div 12 = 3$	$24 \div 12 = 2$
$3 \times 12 = 36$	$9 \times 12 = 108$	$3 \times 12 = 36$	$2 \times 12 = 24$	$132 \div 12 = 11$	$108 \div 12 = 9$
$4 \times 12 = 48$	$10 \times 12 = 120$	$7 \times 12 = 84$	$6 \times 12 = 72$	$84 \div 12 = 7$	$48 \div 12 = 4$
$5 \times 12 = 60$	$11 \times 12 = 132$	$1 \times 12 = 12$	$11 \times 12 = 132$	$120 \div 12 = 10$	$144 \div 12 = 12$
$6 \times 12 = 72$	$12 \times 12 = 144$	$12 \times 12 = 144$	$9 \times 12 = 108$	$12 \div 12 = 1$	$60 \div 12 = 5$

I can recall pairs of fractions that total 1.

$\frac{1}{2} + \frac{1}{2}$	$\frac{2}{5} + \frac{3}{5}$	$\frac{3}{8} + \frac{5}{8}$
$\frac{1}{3} + \frac{2}{3}$	$\frac{1}{6} + \frac{5}{6}$	$\frac{1}{9} + \frac{8}{9}$
$\frac{1}{4} + \frac{3}{4}$	$\frac{2}{6} + \frac{4}{6}$	$\frac{2}{9} + \frac{7}{9}$
$\frac{1}{5} + \frac{4}{5}$	$\frac{1}{8} + \frac{7}{8}$	$\frac{4}{9} + \frac{5}{9}$
$\frac{1}{10} + \frac{9}{10}$	$\frac{2}{10} + \frac{8}{10}$	$\frac{7}{12} + \frac{5}{12}$