



Gold Challenge 1

I know \times and \div facts for the 3x table



1×3	4×3	$3 \div 3$	$18 \div 3$	10×3	$9 \div 3$	3×6	3×10	3×8	$33 \div 3$
3×3	$21 \div 3$	6×3	7×3	8×3	10×3	3×7	3×8	3×3	3×0
3×3	8×3	4×3	12×3	3×2	$9 \div 3$	12×3	3×4	10×3	3×1
7×3	5×3	3×7	$12 \div 3$	0×3	3×3	6×3	3×9	4×3	$18 \div 3$
2×3	3×6	3×2	3×4	3×1	3×0	7×3	$6 \div 3$	3×3	3×7
3×5	6×3	9×3	$18 \div 3$	5×3	3×9	2×3	$30 \div 3$	10×3	3×2
11×3	3×7	$21 \div 3$	7×3	3×10	6×3	$33 \div 3$	3×5	3×6	$27 \div 3$
3×4	$12 \div 3$	$30 \div 3$	6×3	$15 \div 3$	3×0	$9 \div 3$	$36 \div 3$	3×9	5×3
9×3	$24 \div 3$	4×3	$24 \div 3$	3×5	3×10	3×4	9×3	$3 \div 3$	3×7
9×3	5×3	3×5	$30 \div 3$	3×6	2×3	$15 \div 3$	6×3	$27 \div 3$	7×3

Score _____



Gold Challenge 2

I know \times and \div facts for the 4x table



11×4	3×4	$20 \div 4$	4×1	4×4	9×4	4×6	4×10	4×8	4×9
$36 \div 4$	5×4	$16 \div 4$	7×4	$32 \div 4$	10×4	4×7	4×8	4×3	$40 \div 4$
$44 \div 4$	8×4	4×4	2×4	$4 \div 4$	4×5	5×4	4×4	10×4	4×1
7×4	5×4	$28 \div 4$	10×4	0×4	$4 \div 4$	6×4	4×9	3×4	8×4
12×4	4×6	4×2	4×4	$40 \div 4$	4×0	7×4	$16 \div 4$	4×4	$20 \div 4$
4×5	6×4	$36 \div 4$	8×4	5×4	4×9	2×4	4×7	10×4	4×2
4×1	4×7	4×3	$28 \div 4$	4×10	6×4	4×4	4×5	$24 \div 4$	4×8
$12 \div 4$	$20 \div 4$	4×8	6×4	4×2	$44 \div 4$	9×4	$4 \div 1$	4×9	5×4
$24 \div 4$	7×4	4×4	8×4	4×5	4×10	$36 \div 4$	9×4	3×4	4×7
9×4	5×4	4×5	0×4	4×6	$24 \div 4$	$32 \div 4$	6×4	$12 \div 4$	7×4

Score _____



Gold Challenge 3

I can find complements to 100



23	45	56	71	3	87	41	32	12	19
21	60	14	10	100	46	75	57	33	9
4	74	47	69	63	28	47	50	20	78
31	28	76	59	44	99	2	68	39	29
61	26	7	43	93	51	73	38	13	49
11	30	94	52	22	62	77	64	58	89
53	48	36	1	55	97	16	98	24	40
67	81	66	79	91	65	88	54	6	70
8	85	15	95	25	82	35	72	83	96
37	92	90	34	80	17	84	42	86	27

Score _____



Gold Challenge 4

I know \times facts for the 8x table



1×8	4×8	8×5	8×1	8×4	9×8	8×6	8×10	8×8	8×9
3×8	5×8	6×8	7×8	8×8	10×8	8×7	8×8	8×4	8×0
8×8	8×8	4×8	2×8	8×2	8×5	5×8	8×4	10×8	8×1
7×8	5×8	8×7	10×8	0×8	8×8	6×8	8×9	4×8	3×8
2×8	8×6	8×2	8×4	8×1	8×0	7×8	6×8	3×8	8×7
8×5	6×8	9×8	8×8	5×8	8×9	2×8	8×7	10×8	8×2
8×1	8×7	8×3	7×8	8×10	6×8	4×8	8×5	8×6	8×8
8×4	2×8	8×8	6×8	8×2	8×0	9×8	8×1	8×9	5×8
8×6	7×8	4×8	8×8	8×5	8×10	8×4	9×8	3×8	8×7
9×8	5×8	8×5	0×8	8×6	2×8	8×8	6×8	8×2	7×8

Score _____



Gold Challenge 5

I know the \times and \div facts for the 8x table



$16 \div 8$	8×8	$32 \div 8$	6×8	$48 \div 8$	1×8	$48 \div 8$	7×8	$32 \div 8$	8×8
$8 \div 8$	10×8	$56 \div 8$	3×8	$16 \div 8$	9×8	$24 \div 8$	4×8	$40 \div 8$	7×8
$72 \div 8$	$24 \div 8$	1×8	3×8	$64 \div 8$	$48 \div 8$	8×8	10×8	$56 \div 8$	6×8
8×10	$24 \div 8$	6×8	8×8	$8 \div 8$	8×2	$32 \div 8$	$80 \div 8$	$32 \div 8$	2×8
$40 \div 8$	$64 \div 8$	5×8	8×9	$64 \div 8$	$80 \div 8$	$16 \div 8$	6×8	3×8	$24 \div 8$
$72 \div 8$	$56 \div 8$	2×8	$48 \div 8$	$80 \div 8$	6×8	$8 \div 8$	$64 \div 8$	8×8	2×8
$64 \div 8$	$24 \div 8$	$8 \div 8$	3×8	10×8	$16 \div 8$	$56 \div 8$	2×8	$80 \div 8$	8×1
9×8	$40 \div 8$	$32 \div 8$	5×8	9×8	$24 \div 8$	$72 \div 8$	$56 \div 8$	3×8	8×8
$24 \div 8$	$32 \div 8$	0×8	6×8	$56 \div 8$	$24 \div 8$	4×8	9×8	$16 \div 8$	$80 \div 8$
0×8	9×8	$64 \div 8$	$8 \div 8$	8×6	$40 \div 8$	2×8	$56 \div 8$	$80 \div 8$	7×8

Score _____



Gold Challenge 6

I can add or subtract a single digit from a three-digit number



$355 + 2$	$644 - 3$	$455 - 2$	$591 + 3$	$567 - 1$	$775 - 4$	$732 + 4$	$528 - 3$	$465 - 1$	$859 - 4$
$363 - 1$	$272 + 6$	$282 + 0$	$179 - 3$	$635 - 1$	$175 - 4$	$613 + 2$	$820 + 6$	$749 - 6$	$716 - 2$
$177 - 5$	$626 + 3$	$735 - 3$	$640 + 3$	$556 - 1$	$962 + 3$	$319 + 0$	$737 - 6$	$158 - 6$	$259 - 5$
$638 - 4$	$657 - 3$	$516 + 2$	$191 + 4$	$378 - 5$	$169 - 4$	$728 - 0$	$845 + 2$	$847 - 3$	$297 - 4$
$513 - 1$	$365 + 2$	$565 - 4$	$605 - 3$	$621 + 5$	$472 + 5$	$733 - 2$	$512 + 7$	$622 + 6$	$735 - 3$
$816 - 3$	$826 + 2$	$621 - 0$	$330 - 1$	$748 + 2$	$253 - 3$	$791 - 0$	$378 - 4$	$857 + 1$	$275 - 2$
$283 - 1$	$144 + 3$	$497 - 3$	$271 + 3$	$563 + 2$	$857 - 5$	$776 - 2$	$831 - 0$	$563 - 2$	$336 - 2$
$547 + 0$	$921 - 1$	$537 + 2$	$543 - 2$	$673 + 3$	$443 + 2$	$633 - 2$	$753 + 5$	$622 + 1$	$288 - 4$
$375 - 2$	$156 + 2$	$439 - 8$	$883 - 3$	$493 - 1$	$831 + 1$	$983 - 0$	$642 - 2$	$897 - 6$	$934 - 3$
$159 + 0$	$568 - 3$	$352 + 4$	$860 + 6$	$429 - 7$	$266 + 2$	$339 - 2$	$947 + 1$	$525 - 3$	$179 - 8$

Score _____



Gold Challenge 7

I can add or subtract a multiple of 10 from a three-digit number



283 - 50	144 + 30	497 - 50	271 + 20	263 + 10	858 - 50	176 - 20	851 - 30	263 - 20	136 - 20
363 - 10	272 + 20	282 + 10	179 - 30	635 - 10	175 - 40	513 + 20	520 + 60	249 - 30	416 - 10
177 - 50	636 + 30	735 - 30	640 + 30	556 - 10	962 + 30	359 + 20	737 - 10	158 - 40	219 + 50
638 - 20	657 - 30	586 + 10	154 + 40	372 - 50	149 - 40	372 - 20	845 + 20	847 - 30	297 - 40
283 - 50	144 + 30	497 - 30	271 + 20	563 + 10	857 - 40	876 - 20	831 - 30	563 - 20	336 - 20
363 - 10	562 + 30	282 + 10	179 - 20	635 - 10	175 - 40	613 + 20	820 + 60	749 - 20	746 - 30
177 - 50	326 + 20	735 - 30	640 + 30	556 - 10	962 + 30	319 + 20	737 - 10	158 - 40	259 - 50
638 - 20	257 - 30	416 + 20	101 + 40	278 - 50	179 - 40	728 - 10	445 + 20	847 - 30	297 - 40
543 - 20	245 + 30	565 - 40	665 - 30	621 + 50	472 + 20	733 - 20	512 + 70	622 + 60	735 - 30
816 - 10	526 + 40	321 - 20	334 - 30	748 + 20	453 - 30	791 - 40	378 - 40	257 + 10	275 - 20

Score _____



Gold Challenge 8

I can add or subtract a multiple of 100 from a three-digit number



$283 + 500$	$144 + 300$	$497 - 300$	$271 + 200$	$263 + 100$	$858 - 500$	$576 - 200$	$851 - 300$	$263 - 200$	$236 - 100$
$363 - 100$	$272 + 300$	$282 + 600$	$379 - 200$	$635 - 100$	$475 - 100$	$513 + 200$	$520 + 200$	$249 - 100$	$416 - 200$
$577 - 100$	$636 + 300$	$735 - 300$	$640 + 300$	$556 - 100$	$662 + 300$	$319 + 200$	$737 - 100$	$458 - 100$	$219 + 500$
$638 - 400$	$657 - 300$	$586 + 200$	$194 + 400$	$572 - 300$	$449 - 100$	$372 - 200$	$845 + 100$	$847 - 300$	$497 - 200$
$583 - 200$	$144 + 300$	$497 - 300$	$271 + 300$	$563 + 100$	$857 - 500$	$776 - 200$	$831 - 300$	$563 - 200$	$336 - 200$
$363 - 100$	$562 + 400$	$282 + 400$	$379 - 100$	$635 - 100$	$475 - 300$	$613 + 200$	$820 + 100$	$749 - 600$	$716 - 200$
$577 - 100$	$326 + 300$	$735 - 300$	$640 + 300$	$556 - 100$	$762 + 200$	$319 + 200$	$737 - 100$	$658 - 400$	$559 - 200$
$638 - 400$	$357 - 200$	$416 + 200$	$101 + 400$	$578 - 200$	$479 - 100$	$728 - 200$	$445 + 200$	$847 - 300$	$497 - 200$
$543 - 200$	$245 + 300$	$565 - 400$	$605 - 300$	$621 + 300$	$472 + 500$	$733 - 200$	$512 + 400$	$622 + 300$	$735 - 300$
$816 - 100$	$526 + 400$	$321 - 200$	$334 - 300$	$748 + 200$	$453 - 300$	$791 - 600$	$478 - 300$	$257 + 100$	$275 - 200$

Score _____



Gold Challenge 9

I can add and subtract fractions with the same denominator



$\frac{1}{2} + \frac{1}{2}$	$\frac{2}{8} + \frac{4}{8}$	$\frac{4}{6} - \frac{1}{6}$	$\frac{3}{5} + \frac{1}{5}$	$\frac{7}{9} - \frac{5}{9}$	$\frac{4}{9} + \frac{1}{9}$	$\frac{5}{8} + \frac{2}{8}$	$\frac{3}{8} - \frac{2}{8}$	$\frac{3}{9} + \frac{1}{9}$	$\frac{4}{7} - \frac{3}{7}$
$\frac{1}{3} + \frac{1}{3}$	$\frac{6}{8} + \frac{2}{8}$	$\frac{5}{8} - \frac{2}{8}$	$\frac{3}{8} + \frac{4}{8}$	$\frac{3}{6} - \frac{1}{6}$	$\frac{3}{9} + \frac{1}{9}$	$\frac{7}{8} + \frac{1}{8}$	$\frac{5}{6} - \frac{3}{6}$	$\frac{4}{5} + \frac{1}{5}$	$\frac{6}{9} - \frac{5}{9}$
$\frac{3}{9} + \frac{6}{9}$	$\frac{1}{8} + \frac{6}{8}$	$\frac{6}{6} - \frac{5}{6}$	$\frac{5}{20} + \frac{6}{20}$	$\frac{4}{11} - \frac{3}{11}$	$\frac{1}{7} + \frac{3}{7}$	$\frac{5}{8} + \frac{2}{8}$	$\frac{7}{8} - \frac{3}{8}$	$\frac{3}{6} + \frac{2}{6}$	$\frac{8}{12} - \frac{5}{12}$
$\frac{3}{7} + \frac{2}{7}$	$\frac{1}{9} + \frac{7}{9}$	$\frac{5}{6} - \frac{3}{6}$	$\frac{4}{16} + \frac{11}{16}$	$\frac{9}{9} - \frac{8}{9}$	$\frac{6}{9} + \frac{2}{9}$	$\frac{3}{7} + \frac{4}{7}$	$\frac{6}{9} - \frac{3}{9}$	$\frac{7}{9} + \frac{3}{9}$	$\frac{6}{12} - \frac{4}{12}$
$\frac{6}{8} + \frac{1}{8}$	$\frac{8}{12} + \frac{3}{12}$	$\frac{4}{6} - \frac{3}{6}$	$\frac{6}{13} + \frac{5}{13}$	$\frac{2}{6} + \frac{3}{6}$	$\frac{1}{7} + \frac{1}{7}$	$\frac{1}{7} + \frac{5}{7}$	$\frac{3}{4} - \frac{1}{4}$	$\frac{8}{19} + \frac{9}{19}$	$\frac{7}{18} - \frac{6}{18}$
$\frac{1}{4} + \frac{2}{4}$	$\frac{12}{14} - \frac{9}{14}$	$\frac{1}{8} + \frac{6}{8}$	$\frac{15}{20} - \frac{8}{20}$	$\frac{7}{8} - \frac{2}{8}$	$\frac{4}{5} + \frac{4}{5}$	$\frac{5}{9} - \frac{2}{9}$	$\frac{6}{9} + \frac{3}{9}$	$\frac{16}{25} - \frac{11}{25}$	$\frac{6}{11} - \frac{4}{11}$
$\frac{1}{3} + \frac{2}{3}$	$\frac{13}{15} - \frac{7}{15}$	$\frac{5}{7} + \frac{6}{7}$	$\frac{8}{18} + \frac{7}{18}$	$\frac{1}{5} + \frac{3}{5}$	$\frac{6}{9} + \frac{7}{9}$	$\frac{2}{4} + \frac{3}{4}$	$\frac{5}{6} - \frac{3}{6}$	$\frac{11}{17} - \frac{5}{17}$	$\frac{7}{13} + \frac{4}{13}$
$\frac{5}{9} + \frac{4}{9}$	$\frac{9}{16} + \frac{7}{16}$	$\frac{7}{8} - \frac{3}{8}$	$\frac{13}{21} - \frac{9}{21}$	$\frac{5}{8} + \frac{5}{8}$	$\frac{5}{6} + \frac{1}{6}$	$\frac{7}{8} - \frac{4}{8}$	$\frac{2}{4} + \frac{2}{4}$	$\frac{4}{18} + \frac{9}{18}$	$\frac{6}{11} + \frac{6}{11}$
$\frac{2}{5} + \frac{3}{5}$	$\frac{14}{15} - \frac{7}{15}$	$\frac{5}{6} - \frac{1}{6}$	$\frac{17}{23} + \frac{4}{23}$	$\frac{5}{4} - \frac{3}{4}$	$\frac{1}{2} + \frac{1}{2}$	$\frac{1}{3} + \frac{4}{3}$	$\frac{5}{8} - \frac{4}{8}$	$\frac{13}{19} - \frac{11}{19}$	$\frac{7}{13} - \frac{6}{13}$
$\frac{5}{9} + \frac{3}{9}$	$\frac{8}{14} + \frac{6}{14}$	$\frac{1}{4} + \frac{1}{4}$	$\frac{23}{26} - \frac{16}{26}$	$\frac{2}{5} + \frac{3}{5}$	$\frac{7}{8} + \frac{3}{8}$	$\frac{5}{6} - \frac{3}{6}$	$\frac{5}{9} + \frac{2}{9}$	$\frac{13}{17} - \frac{9}{17}$	$\frac{8}{12} + \frac{4}{12}$

Score _____



Gold Challenge 10

I can round numbers written to 1 decimal place to the nearest whole number



97.1	17.5	85.2	50.5	35.0	96.6	12.8	64.1	45.6	79.7
32.5	40.1	61.4	1.2	72.5	85.3	91.1	9.9	84.2	17.0
13.4	25.3	53.5	80.9	44.0	75.8	16.2	30.1	67.2	41.6
73.8	90.4	8.6	83.7	70.9	35.1	97.5	78.9	92.3	20.0
29.4	42.8	68.7	65.3	55.0	31.2	25.7	7.2	60.0	10.1
6.0	57.3	15.2	62.5	96.3	23.9	60.1	88.8	70.1	52.4
36.1	30.8	89.4	21.3	4.4	82.1	74.5	4.0	19.6	76.2
10.8	95.4	2.0	18.6	46.3	86.2	34.8	6.1	66.9	99.5
69.7	81.3	33.2	7.5	12.0	56.4	7.6	93.6	71.3	87.9
54.8	11.1	77.6	94.3	34.1	63.5	43.7	20.4	95.0	27.5

Score _____