Gold Challenge 1

I know x and ÷ facts for the 3x table

1 x 3	4 x 3	3 ÷ 3	18 ÷ 3	10 x 3	9 ÷ 3	3 x 6	3 x 10	3 x 8	33 ÷ 3
3 x 3	21 ÷ 3	6 x 3	7 x 3	8 x 3	10 x 3	3 x 7	3 x 8	3 x 3	3 x 0
3 x 3	8 x 3	4 x 3	12 x 3	3 x 2	9 ÷ 3	12 x 3	3 x 4	10 x 3	3 x 1
7 x 3	5 x 3	3 x 7	12 ÷ 3	0 x 3	3 x 3	6 x 3	3 x 9	4 x 3	18 ÷ 3
2 x 3	3 x 6	3 x 2	3 x 4	3 x 1	3 x 0	7 x 3	6 ÷ 3	3 x 3	3 x 7
3 x 5	6 x 3	9 x 3	18 ÷ 3	5 x 3	3 x 9	2 x 3	30 ÷ 3	10 x 3	3 x 2
11 x 3	3 x 7	21 ÷ 3	7 x 3	3 x 10	6 x 3	33 ÷ 3	3 x 5	3 x 6	27 ÷ 3
3 x 4	12 ÷ 3	30 ÷ 3	6 x 3	15 ÷ 3	3 x 0	9 ÷ 3	36 ÷ 3	3 x 9	5 x 3
9 x 3	24 ÷ 3	4 x 3	24 ÷ 3	3 x 5	3 x 10	3 x 4	9 x 3	3 ÷ 3	3 x 7
9 x 3	5 x 3	3 x 5	30 ÷ 3	3 x 6	2 x 3	15 ÷ 3	6 x 3	27 ÷ 3	7 x 3

Score _____

Gold Challenge 2

I know x and ÷ facts for the 4x table

11 x 4	3 x 4	20 ÷ 4	4 x 1	4 x 4	9 x 4	4 x 6	4 x 10	4 x 8	4 x 9
36 ÷ 4	5 x 4	16 ÷ 4	7 x 4	32 ÷ 4	10 x 4	4 x 7	4 x 8	4 x 3	40 ÷ 4
44 ÷ 4	8 x 4	4 x 4	2 x 4	4 ÷ 4	4 x 5	5 x 4	4 x 4	10 x 4	4 x 1
7 x 4	5 x 4	28 ÷ 4	10 x 4	0 x 4	4 ÷ 4	6 x 4	4 x 9	3 x 4	8 x 4
12 x 4	4 x 6	4 x 2	4 x 4	40 ÷ 4	4 x 0	7 x 4	16 ÷ 4	4 x 4	20 ÷ 4
4 x 5	6 x 4	36 ÷ 4	8 x 4	5 x 4	4 x 9	2 x 4	4 x 7	10 x 4	4 x 2
4 x 1	4 x 7	4 x 3	28 ÷ 4	4 x 10	6 x 4	4 x 4	4 x 5	24 ÷ 4	4 x 8
12 ÷ 4	20 ÷ 4	4 x 8	6 x 4	4 x 2	44 ÷ 4	9 x 4	4 ÷ 1	4 x 9	5 x 4
24 ÷ 4	7 x 4	4 x 4	8 x 4	4 x 5	4 x 10	36 ÷ 4	9 x 4	3 x 4	4 x 7
9 x 4	5 x 4	4 x 5	0 x 4	4 x 6	24 ÷ 4	32 ÷ 4	6 x 4	12 ÷ 4	7 x 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 x facts for the 8x table

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

Score _____

Gold Challenge 5

I know the x and ÷ facts for the 8x table

16 ÷ 8	8 x 8	32 ÷ 8	6 x 8	48 ÷ 8	1x8	48 ÷ 8	7x 8	32 ÷ 8	8 x 8
8 ÷ 8	10 x 8	56 ÷ 8	3x8	16 ÷ 8	9x8	24 ÷ 8	4 x 8	40 ÷ 8	7x8
72 ÷ 8	24 ÷ 8	1x8	3 x 8	64 ÷ 8	48 ÷ 8	8 x 8	10 x 8	56 ÷ 8	6 x 8
8x10	24 ÷ 8	6 x 8	8 X 8	8 ÷ 8	8 x 2	32 ÷ 8	80 ÷ 8	32 ÷ 8	2 x 8
40 ÷ 8	64 ÷ 8	5 x 8	8 x 9	64 ÷ 8	80 ÷ 8	16 ÷ 8	6 x 8	3 x 8	24 ÷ 8
72 ÷ 8	56 ÷ 8	2 x 8	48 ÷ 8	80 ÷ 8	6 x 8	8 ÷ 8	64 ÷ 8	8 x 8	2 x 8
64 ÷ 8	24 ÷ 8	8 ÷ 8	3 x 8	10 x 8	16 ÷ 8	56 ÷ 8	2 x 8	80 ÷ 8	8 x 1
9 x 8	40 ÷ 8	32 ÷ 8	5 x 8	9 x 8	24 ÷ 8	72 ÷ 8	56 ÷ 8	3 x 8	8 x 8
24 ÷ 8	32 ÷ 8	0 x 8	6 x 8	56 ÷ 8	24 ÷ 8	4 X 8	9 x 8	16 ÷ 8	80 ÷ 8
0 x 8	9 x 8	64 ÷ 8	8 ÷ 8	8 x 6	40 ÷ 8	2 x 8	56 ÷ 8	80 ÷ 8	7 x 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

$\frac{2}{9} + \frac{3}{9}$	$\frac{3}{12} + \frac{5}{12}$	$\frac{3}{10} + \frac{6}{10}$	$\frac{3}{7} + \frac{1}{7}$	$\frac{6}{15} - \frac{6}{15}$	$\frac{1}{5} + \frac{1}{5}$	$\frac{2}{4} + \frac{1}{4}$	$\frac{3}{10} + \frac{2}{10}$	$\frac{3}{5} - \frac{1}{5}$	$\frac{3}{12} + \frac{5}{12}$
$\frac{3}{7} + \frac{2}{7}$	$\frac{4}{7} + \frac{1}{7}$	$\frac{3}{4} - \frac{1}{4}$	$\frac{1}{7} + \frac{1}{7}$	$\frac{2}{10} + \frac{5}{10}$	$\frac{2}{3} - \frac{1}{3}$	$\frac{11}{12} + \frac{5}{12}$	$\frac{2}{5} + \frac{2}{5}$	$\frac{2}{6} - \frac{1}{6}$	$\frac{6}{7} - \frac{1}{7}$
$\frac{2}{5} + \frac{2}{5}$	$\frac{3}{4} + \frac{1}{4}$	$\frac{2}{12} + \frac{5}{12}$	$\frac{6}{7} + \frac{1}{7}$	$\frac{1}{5} + \frac{1}{5}$	$\frac{2}{8} + \frac{3}{8}$	$\frac{2}{7} + \frac{4}{7}$	$\frac{1}{10} + \frac{6}{10}$	$\frac{10}{12} + \frac{8}{12}$	$\frac{2}{4} + \frac{1}{4}$
$\frac{1}{4} + \frac{1}{4}$	$\frac{10}{15} - \frac{4}{15}$	$\frac{1}{7} + \frac{2}{7}$	$\frac{2}{8} + \frac{3}{8}$	$\frac{3}{10} + \frac{3}{10}$	$\frac{2}{5} - \frac{2}{5}$	$\frac{3}{7} + \frac{4}{7}$	$\frac{2}{10} + \frac{6}{10}$	$\frac{2}{6} + \frac{1}{6}$	$\frac{2}{7} + \frac{1}{7}$
$\frac{10}{12} - \frac{6}{12}$	$\frac{3}{7} + \frac{4}{7}$	$\frac{2}{10} + \frac{6}{10}$	$\frac{5}{6} - \frac{4}{6}$	$\frac{13}{15} + \frac{6}{15}$	$\frac{2}{5} + \frac{2}{5}$	$\frac{2}{7} + \frac{4}{7}$	$\frac{2}{3} - \frac{1}{3}$	$\frac{7}{12} + \frac{1}{12}$	$\frac{14}{15} - \frac{10}{15}$
$\frac{3}{10} + \frac{1}{10}$	$\frac{5}{9} + \frac{3}{9}$	$\frac{10}{12} + \frac{5}{12}$	$\frac{2}{4} + \frac{1}{4}$	$\frac{1}{7} + \frac{2}{7}$	$\frac{1}{4} + \frac{1}{4}$	$\frac{8}{12} - \frac{6}{12}$	$\frac{6}{9} + \frac{3}{9}$	$\frac{4}{10} + \frac{5}{10}$	$\frac{4}{5} + \frac{2}{5}$
$\frac{3}{4} + \frac{1}{4}$	$\frac{10}{12} + \frac{0}{12}$	$\frac{3}{7} + \frac{3}{7}$	$\frac{8}{9} - \frac{4}{9}$	$\frac{13}{15} + \frac{6}{15}$	$\frac{6}{6} - \frac{1}{6}$	$\frac{3}{7} - \frac{1}{7}$	$\frac{2}{10} + \frac{6}{10}$	$\frac{2}{8} + \frac{3}{8}$	$\frac{3}{4} + \frac{1}{4}$
$\frac{1}{7} + \frac{2}{7}$	$\frac{2}{10} + \frac{8}{10}$	$\frac{3}{7} + \frac{1}{7}$	$\frac{2}{7} + \frac{4}{7}$	$\frac{5}{9} - \frac{4}{9}$	$\frac{5}{12} + \frac{5}{12}$	$\frac{8}{20} - \frac{9}{20}$	$\frac{1}{5} + \frac{1}{5}$	$\frac{4}{6} - \frac{3}{6}$	$\frac{3}{7} + \frac{4}{7}$
$\frac{3}{10} + \frac{7}{10}$	$\frac{3}{7} + \frac{1}{7}$	$\frac{5}{5} - \frac{2}{5}$	$\frac{2}{4} + \frac{1}{4}$	$\frac{3}{10} + \frac{6}{10}$	$\frac{1}{7} + \frac{2}{7}$	$\frac{2}{6} + \frac{3}{6}$	$\frac{2}{3} - \frac{1}{3}$	$\frac{5}{9} - \frac{2}{9}$	$\frac{1}{4} + \frac{2}{4}$
$\frac{1}{5} + \frac{2}{5}$	$\frac{11}{12} - \frac{2}{12}$	$\frac{2}{12} + \frac{8}{12}$	$\frac{4}{10} + \frac{4}{10}$	$\frac{3}{7} + \frac{1}{7}$	$\frac{2}{3} - \frac{1}{3}$	$\frac{2}{7} + \frac{4}{7}$	$\frac{2}{8} + \frac{3}{8}$	$\frac{9}{12} + \frac{4}{12}$	$\frac{3}{3} - \frac{2}{3}$

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 _____