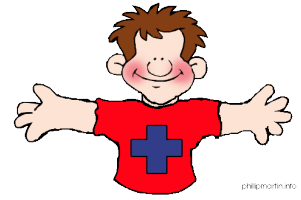




# Bronze Challenge 1

I can add up to 5



3+1	1+2	2+2	3+1	0+2	2+1	3+2	1+3	2+2	0+5
0+3	3+0	2+1	2+3	3+2	0+4	0+2	4+1	3+0	2+1
4+1	4+0	3+2	0+3	0+4	1+2	0+2	3+2	4+1	2+2
1+0	0+2	0+4	2+3	4+0	3+2	0+3	1+3	1+4	2+2
5+0	3+2	0+0	2+0	2+2	2+0	2+3	3+2	3+1	5+0
3+0	3+0	2+1	2+1	5+0	3+2	1+4	0+3	4+0	3+0
2+2	0+2	0+1	2+2	2+0	1+1	4+1	0+5	3+2	3+1
4+0	1+4	0+0	0+5	1+2	0+2	3+1	0+5	0+2	0+0
4+1	0+1	4+1	3+0	1+4	4+0	0+0	1+0	5+0	4+1
3+1	2+1	3+1	4+1	0+0	2+0	3+0	2+2	1+1	0+3

Score \_\_\_\_\_



# Bronze Challenge 2

I know subtraction facts for each number up to 5



4 - 4	5 - 3	5 - 2	4 - 2	3 - 2	5 - 3	5 - 4	3 - 2	4 - 3	4 - 1
2 - 1	4 - 2	4 - 1	5 - 3	4 - 1	3 - 0	4 - 2	2 - 2	3 - 2	2 - 1
4 - 4	5 - 4	5 - 4	1 - 1	4 - 4	2 - 1	4 - 2	4 - 3	5 - 4	4 - 0
3 - 2	4 - 0	5 - 3	4 - 2	4 - 1	5 - 0	4 - 0	4 - 4	5 - 4	2 - 1
5 - 5	5 - 1	4 - 2	5 - 5	1 - 0	5 - 4	2 - 0	4 - 4	4 - 2	3 - 2
3 - 2	5 - 2	0 - 0	3 - 1	2 - 2	3 - 1	5 - 3	4 - 1	4 - 3	4 - 3
4 - 1	4 - 2	5 - 4	4 - 3	5 - 4	4 - 2	5 - 1	3 - 3	3 - 2	5 - 2
2 - 2	2 - 2	5 - 4	4 - 3	2 - 1	4 - 3	2 - 0	2 - 0	5 - 4	5 - 5
3 - 3	3 - 0	3 - 1	3 - 2	3 - 3	5 - 2	5 - 0	4 - 2	5 - 1	4 - 4
5 - 5	5 - 3	5 - 2	5 - 1	4 - 2	4 - 4	5 - 5	5 - 3	5 - 2	4 - 2

Score \_\_\_\_\_



# Bronze Challenge 3

I know addition facts for each number up to 10



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

Score \_\_\_\_\_



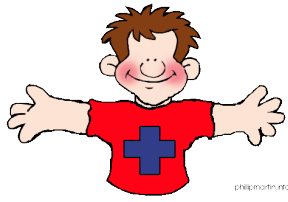
# Bronze Challenge 4

I know subtraction facts for each number up to 10



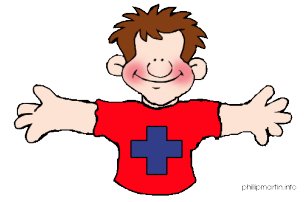
10 - 4	9 - 3	10 - 2	7 - 4	8 - 2	10 - 3	9 - 4	4 - 2	8 - 3	4 - 1
9 - 4	6 - 2	8 - 1	5 - 3	8 - 1	3 - 0	8 - 2	9 - 9	7 - 2	9 - 1
8 - 8	6 - 4	9 - 4	1 - 1	8 - 4	9 - 1	9 - 4	7 - 4	10 - 8	6 - 0
3 - 2	8 - 0	10 - 7	9 - 4	6 - 1	10 - 0	4 - 0	6 - 4	10 - 6	2 - 1
10 - 0	8 - 5	6 - 6	10 - 5	1 - 0	5 - 4	2 - 0	8 - 6	4 -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

Score \_\_\_\_\_



# Bronze Challenge 5

I know pairs of numbers with a total of 10



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

Score \_\_\_\_\_



# Bronze Challenge 6

I know number bonds to 10



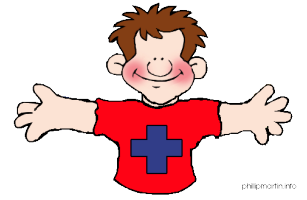
$2 + 4$	$6 - 2$	$9 - 5$	$3 + 5$	$4 + 2$	$9 - 1$	$8 + 1$	$1 + 7$	$6 - 3$	$7 + 2$
$5 + 5$	$6 - 3$	$9 - 5$	$8 - 3$	$4 + 3$	$6 + 1$	$3 + 7$	$4 - 1$	$8 - 5$	$1 + 5$
$4 + 2$	$5 - 5$	$1 + 2$	$5 + 2$	$7 - 1$	$5 + 4$	$3 + 3$	$2 + 3$	$7 - 7$	$3 + 1$
$9 - 3$	$6 + 4$	$1 - 1$	$5 + 2$	$6 + 1$	$1 + 3$	$8 - 1$	$6 - 3$	$4 + 4$	$6 + 2$
$0 + 4$	$7 - 6$	$5 + 1$	$4 + 6$	$9 - 8$	$6 - 5$	$1 + 2$	$4 + 3$	$2 - 2$	$7 + 3$
$6 + 4$	$3 - 2$	$8 + 2$	$8 - 5$	$1 + 1$	$4 + 6$	$5 + 5$	$7 + 1$	$1 + 9$	$6 - 4$
$1 + 4$	$6 - 5$	$3 - 0$	$4 + 4$	$6 - 4$	$2 + 2$	$9 - 6$	$8 - 2$	$8 - 1$	$6 + 3$
$4 + 4$	$9 - 9$	$9 - 5$	$4 + 5$	$5 + 0$	$1 + 5$	$5 + 2$	$3 + 3$	$7 - 7$	$1 + 1$
$6 - 5$	$7 - 2$	$7 + 1$	$3 - 3$	$8 - 7$	$4 + 4$	$9 - 7$	$6 - 1$	$4 + 5$	$5 + 1$
$6 + 1$	$6 + 3$	$3 + 3$	$6 - 6$	$5 - 3$	$2 + 7$	$7 - 3$	$8 - 3$	$5 + 5$	$3 + 7$

Score \_\_\_\_\_



# Bronze Challenge 7

I know addition facts up to 20



$10 + 5$	$14 + 5$	$2 + 15$	$8 + 5$	$6 + 5$	$5 + 11$	$5 + 12$	$10 + 7$	$9 + 5$	$7 + 5$
$11 + 5$	$4 + 9$	$10 + 5$	$5 + 12$	$0 + 15$	$5 + 9$	$17 + 2$	$5 + 7$	$9 + 5$	$10 + 2$
$2 + 14$	$3 + 15$	$2 + 11$	$8 + 9$	$5 + 7$	$9 + 5$	$16 + 3$	$9 + 8$	$9 + 5$	$4 + 5$
$10 + 9$	$13 + 5$	$10 + 4$	$7 + 5$	$1 + 13$	$13 + 6$	$16 + 2$	$5 + 9$	$10 + 0$	$12 + 3$
$6 + 13$	$5 + 14$	$8 + 5$	$0 + 7$	$4 + 5$	$1 + 5$	$5 + 8$	$3 + 5$	$12 + 6$	$7 + 8$
$9 + 5$	$13 + 5$	$3 + 13$	$8 + 1$	$9 + 9$	$5 + 14$	$12 + 2$	$6 + 8$	$4 + 7$	$5 + 13$
$9 + 6$	$17 + 2$	$4 + 7$	$8 + 10$	$5 + 9$	$3 + 12$	$7 + 5$	$1 + 13$	$9 + 5$	$2 + 9$
$13 + 5$	$8 + 7$	$5 + 7$	$2 + 11$	$17 + 2$	$4 + 9$	$15 + 3$	$5 + 13$	$9 + 6$	$8 + 5$
$1 + 13$	$10 + 5$	$5 + 9$	$11 + 5$	$10 + 4$	$13 + 4$	$5 + 9$	$9 + 6$	$9 + 5$	$8 + 5$
$9 + 7$	$5 + 1$	$0 + 18$	$1 + 18$	$2 + 15$	$12 + 1$	$0 + 15$	$2 + 5$	$5 + 9$	$0 + 5$

Score \_\_\_\_\_



# Bronze Challenge 8

I can add a single digit to a multiple of 10



$30 + 5$	$10 + 5$	$2 + 50$	$8 + 50$	$60 + 2$	$5 + 20$	$5 + 10$	$10 + 7$	$90 + 5$	$70 + 5$
$10 + 7$	$40 + 9$	$60 + 8$	$50 + 2$	$0 + 10$	$30 + 9$	$10 + 2$	$1 + 70$	$90 + 3$	$10 + 2$
$2 + 40$	$3 + 50$	$2 + 10$	$80 + 9$	$5 + 70$	$9 + 50$	$60 + 3$	$90 + 8$	$9 + 50$	$40 + 5$
$20 + 2$	$10 + 9$	$10 + 4$	$7 + 50$	$1 + 30$	$30 + 6$	$60 + 2$	$50 + 9$	$10 + 0$	$20 + 3$
$6 + 30$	$5 + 40$	$8 + 80$	$50 + 7$	$40 + 5$	$10 + 5$	$5 + 80$	$3 + 50$	$20 + 6$	$70 + 8$
$9 + 50$	$30 + 5$	$3 + 30$	$80 + 1$	$90 + 9$	$5 + 40$	$20 + 2$	$60 + 8$	$4 + 70$	$5 + 30$
$90 + 6$	$70 + 2$	$40 + 7$	$8 + 10$	$50 + 9$	$3 + 20$	$70 + 5$	$10 + 3$	$9 + 50$	$20 + 9$
$30 + 5$	$80 + 7$	$50 + 7$	$2 + 10$	$70 + 2$	$4 + 90$	$50 + 3$	$5 + 30$	$9 + 60$	$8 + 20$
$1 + 30$	$10 + 5$	$50 + 9$	$10 + 5$	$60 + 4$	$30 + 4$	$90 + 9$	$30 + 6$	$9 + 20$	$80 + 5$
$9 + 70$	$5 + 50$	$0 + 18$	$1 + 80$	$2 + 20$	$2 + 70$	$0 + 30$	$20 + 5$	$40 + 9$	$70 + 7$

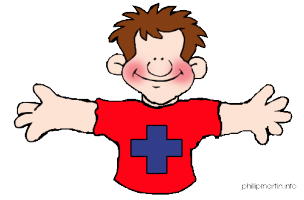
Score \_\_\_\_\_





# Bronze Challenge 9

I can subtract a single digit from a two-digit number



$19 - 5$	$48 - 5$	$12 - 1$	$38 - 5$	$16 - 5$	$15 - 11$	$25 - 2$	$16 - 4$	$89 - 5$	$77 - 5$
$47 - 5$	$34 - 1$	$18 - 5$	$65 - 2$	$72 - 0$	$25 - 4$	$17 - 2$	$38 - 7$	$49 - 5$	$19 - 2$
$32 - 0$	$15 - 5$	$92 - 1$	$38 - 6$	$55 - 5$	$19 - 5$	$16 - 3$	$79 - 8$	$39 - 5$	$28 - 5$
$18 - 2$	$18 - 5$	$86 - 4$	$47 - 7$	$39 - 3$	$66 - 6$	$16 - 2$	$29 - 9$	$18 - 0$	$78 - 3$
$96 - 3$	$25 - 4$	$38 - 5$	$69 - 2$	$58 - 5$	$19 - 5$	$35 - 1$	$29 - 5$	$19 - 6$	$37 - 2$
$69 - 5$	$83 - 0$	$73 - 3$	$98 - 1$	$99 - 9$	$65 - 4$	$77 - 2$	$96 - 1$	$74 - 4$	$25 - 3$
$89 - 6$	$17 - 2$	$45 - 4$	$85 - 0$	$75 - 4$	$73 - 2$	$97 - 5$	$18 - 3$	$98 - 5$	$89 - 2$
$17 - 5$	$58 - 7$	$95 - 1$	$99 - 6$	$17 - 2$	$49 - 9$	$15 - 3$	$85 - 3$	$79 - 6$	$98 - 5$
$89 - 7$	$89 - 5$	$95 - 2$	$58 - 5$	$19 - 3$	$83 - 1$	$29 - 9$	$89 - 6$	$39 - 5$	$68 - 5$
$49 - 0$	$51 - 1$	$39 - 6$	$84 - 1$	$62 - 1$	$92 - 1$	$97 - 5$	$42 - 2$	$65 - 3$	$98 - 5$

Score \_\_\_\_\_



# Bronze Challenge 10

I can add multiples of 10



$20 + 40$	$60 + 30$	$40 + 40$	$10 + 20$	$20 + 20$	$30 + 40$	$40 + 50$	$60 + 40$	$70 + 20$	$90 + 10$
$10 + 20$	$30 + 30$	$30 + 40$	$10 + 30$	$50 + 20$	$60 + 20$	$90 + 10$	$50 + 50$	$80 + 10$	$40 + 60$
$30 + 60$	$50 + 0$	$70 + 20$	$0 + 100$	$50 + 40$	$10 + 40$	$40 + 40$	$0 + 80$	$30 + 30$	$50 + 30$
$60 + 30$	$40 + 60$	$20 + 20$	$10 + 90$	$60 + 40$	$30 + 60$	$70 + 10$	$20 + 40$	$50 + 20$	$10 + 10$
$10 + 30$	$40 + 50$	$60 + 20$	$10 + 80$	$10 + 10$	$40 + 60$	$50 + 0$	$50 + 40$	$0 + 100$	$10 + 20$
$40 + 40$	$80 + 10$	$30 + 60$	$90 + 10$	$0 + 40$	$30 + 30$	$20 + 70$	$30 + 40$	$10 + 90$	$20 + 20$
$50 + 50$	$40 + 60$	$20 + 40$	$10 + 40$	$50 + 30$	$20 + 70$	$40 + 60$	$60 + 30$	$10 + 30$	$60 + 20$
$30 + 40$	$50 + 20$	$10 + 90$	$60 + 20$	$10 + 20$	$70 + 10$	$80 + 10$	$30 + 60$	$40 + 50$	$40 + 40$
$60 + 40$	$10 + 10$	$20 + 20$	$80 + 0$	$50 + 40$	$40 + 60$	$100 + 0$	$60 + 20$	$70 + 20$	$50 + 50$
$30 + 30$	$60 + 30$	$30 + 60$	$80 + 10$	$10 + 90$	$40 + 50$	$50 + 20$	$90 + 10$	$10 + 40$	$20 + 40$

Score \_\_\_\_\_