enVisionMATH Computation Games (Speed Games)

*Each game generates questions randomly from its data bank. The parameters of each game's data bank was inferred from several plays.

Name of Game	Approximate Description of Content*
Computation Games: Addition 1	Basic facts, sums to 3
Computation Games: Addition 2	Basic facts, sums 3 - 6
Computation Games: Addition 3	Basic facts, sums 4 - 7
Computation Games: Addition 4	Basic facts, sums 6 - 10
Computation Games: Addition 5	Basic facts, sums 6 - 11
Computation Games: Addition 6	Basic facts, sums 8 - 11
Computation Games: Addition 7	Basic facts, sums 8 - 12
Computation Games: Addition 8	Basic facts, sums 10 - 13
Computation Games: Addition 9	Basic facts, sums 13 - 18
Computation Games: Addition 10	Basic facts, sums 14 - 18
Computation Games: Addition 11	Basic facts, mixed sums
Computation Games: Addition 12	Basic facts, mixed sums
Computation Games: Addition 13	Basic facts, mixed sums
Computation Games: Addition 14	Basic facts, mixed sums
Computation Games: Addition 15	Basic facts, mixed sums
Computation Games: Addition 16	Basic facts, mixed sums
Computation Games: Addition 17	Adding multiples of 10 and adding multiples of 100; e.g., 30 + 90 =__ and 600 + 800 = __
Computation Games: Addition 18	Adding 10s and 100s; e.g., 80 + 160 = __ , and 370 + 490 = __
Computation Games: Addition 19	Adding integers; e.g., -12 + 6 = __ and 64 + (-8) = __
Computation Games: Addition and Subtraction 1	Adding and subtracting integers; e.g., -54 + (-9) = __ and 16 - (-9) = __
Computation Games: Addition and Subtraction 2	Adding and subtracting integers; e.g., -24 - 3 = __ and -56 + (-8) = __
Computation Games: Addition and Subtraction 3	Adding and subtracting integers; e.g., -6 - (- 15) = __ and -12 + (-9) = __
Computation Games: Division 1	Multiples of 100 divided by Multiples of 10; e.g., 7200 ÷ 90 = __ and 2200 ÷ 20 = __
Computation Games: Division 2	Division by two-digit divisors, for application of alternate mental strategies; e.g., for 800 ÷ 16, *think* 400 ÷ 8 or for 1200 ÷ 50, *think* 2400 ÷ 100
Computation Games: Division 3	Division with integers using simple basic facts; e.g., -8 ÷ (-2) = __ and 14 ÷ (-7) = __
Computation Games: Division 4	Division with integers using simple basic facts
Computation Games: Division 5	Division with integers using basic facts
Computation Games: Division 6	Division with integers using basic facts
Computation Games: Division 7	Division with integers using basic facts

Computation Games: Multiplication 1	x 1 and x 0; products to 3
Computation Games: Multiplication 2	x 0, x 1, and x 2; products to 8
Computation Games: Multiplication 3	x 2 and x 3; products to 12
Computation Games: Multiplication 4	x 4 and x 5; products to 25
Computation Games: Multiplication 5	All x 2 and x3 products
Computation Games: Multiplication 6	x 7, x 8, and x 9; products under 25
Computation Games: Multiplication 7	x 6 through x 9; products through 27
Computation Games: Multiplication 8	x 6 through x 9; products through 45
Computation Games: Multiplication 9	x 7, x 8, and x 9; products through 49
Computation Games: Multiplication 10	x 8 and x 9; products 54 through 81
Computation Games: Multiplication 11	Multiples of 10 times a two-digit number; alternate strategies aid in mental computation--e.g., halving and doubling for 14 x 40 = __ (*think* 7 x 80 = __) ; compensation for 19 x 60 = __ (*think* 20 x 60 - 60 = __)
Computation Games: Multiplication 12	Multiples of 10 times a two-digit number (see above)
Computation Games: Multiplication 13	Multiples of 10 times a two-digit number (see above)
Computation Games: Multiplication 14	Multiplication of integers using basic facts; e.g., 6 x (-6) = __ and -2 x 7 = __
Computation Games: Multiplication 15	Multiplication of integers using basic facts
Computation Games: Multiplication 16	Multiplication of integers using basic facts
Computation Games: Multiplication 17	Multiplication of integers; 2-digit times 1-digit factors
Computation Games: Multiplication 18	Multiplication of integers; 2-digit times 1-digit factors
Computation Games: Multiplication and Division 1	Mixed integer multiplication and division using basic facts
Computation Games: Multiplication and Division 2	Mixed integer multiplication and division using basic facts
Computation Games: Subtraction 1	Subtracting from 0, 1, 2, or 3 (differences of 0, 1, 2, or 3)
Computation Games: Subtraction 2	Subtracting from 4, 5, or 6
Computation Games: Subtraction 3	Subtracting from 5, 6, or 7
Computation Games: Subtraction 4	Subtracting from 7, 8, or 9
Computation Games: Subtraction 5	Subtracting from 9 and 10 (with review)
Computation Games: Subtraction 6	Subtracting 2 and 3 from 9 , 10, 11, and 12 (with review)
Computation Games: Subtraction 7	Subtracting 2, 3, and 4 from 9 , 10, 11, and 12 (with review)
Computation Games: Subtraction 8	Subtracting 3 and 4 from 10 through 14
Computation Games: Subtraction 9	Subtracting 5 and 6 from 10 through 14
Computation Games: Subtraction 10	Subtracting 6 though 9 from 15 through 18
Computation Games: Subtraction 11	Differences of 3 and 4
Computation Games: Subtraction 12	Mixed subtraction facts; minuends through14
Computation Games: Subtraction 13	Mixed subtraction facts; minuends through16

Computation Games: Subtraction 14	Mixed subtraction facts; minuends through18
Computation Games: Subtraction 15	Multiples of 10 or 100 minus multiples of 10 or 100; e.g., 600 - 400 = __ and 80 - 30 = __
Computation Games: Subtraction 16	Multiples of 100 minus 3-digit multiples of 10; e.g., 800 - 630 = __ and 1300 - 430 = __
Computation Games: Subtraction 17	3-digit and 4-digit multiples of 10 minus 3-digit multiples of 10; e.g., 1020 - 630 = __ and 990 - 180 = __
Computation Games: Subtraction 18	Negative differences from single digit terms; e.g., 3 - 5 = __ and 5 - 9 = __
Computation Games: Subtraction 19	Subtraction of integers; e.g., -4 - 2 = __ and -40 - (-8) = __
Computation Games: Subtraction 20	Subtraction of integers (2 digit minus 1-digit); e.g., 30 - (-5) = __ and 48 - (-6) = __
Computation Games: Subtraction 21	Subtraction of integers (2 digit minus 1-digit); e.g, -63 - (-7) - __ and 81 - (-9) = __