

Personal Beast Addition Fact Inventory

$4 + 1 =$

$6 + 2 =$

$1 + 8 =$

$3 + 7 =$

$5 + 3 =$

$2 + 3 =$

$5 + 0 =$

$1 + 4 =$

$3 + 2 =$

$4 + 1 =$

$6 + 4 =$

$8 + 2 =$

$3 + 7 =$

$1 + 9 =$

$5 + 5 =$

$4 + 5 =$

$6 + 3 =$

$3 + 4 =$

$5 + 3 =$

$2 + 5 =$

$7 + 10 =$

$10 + 5 =$

$10 + 8 =$

$4 + 10 =$

$10 + 9 =$

$2 + 2 =$

$8 + 8 =$

$9 + 9 =$

$4 + 4 =$

$7 + 7 =$

$4 + 3 =$

$4 + 5 =$

$7 + 8 =$

$5 + 6 =$

$6 + 7 =$

$5 + 4 =$

$7 + 6 =$

$9 + 8 =$

$8 + 7 =$

$6 + 5 =$

$5 + 6 =$

$7 + 6 =$

$8 + 7 =$

$9 + 8 =$

$7 + 9 =$

Personal Beast Addition Fact Inventory

Check Yourself

A1 - Addition Strategies - counting on 0.1.2.3	$4 + 1 = 5$	$6 + 2 = 8$	$1 + 8 = 9$	$3 + 7 = 10$	$5 + 3 = 8$
A2 - Addition Strategies - add to 5	$2 + 3 = 5$	$5 + 0 = 5$	$1 + 4 = 5$	$3 + 2 = 5$	$4 + 1 = 5$
A3 - Addition Strategies - add to 10	$6 + 4 = 10$	$8 + 2 = 10$	$3 + 7 = 10$	$1 + 9 = 10$	$5 + 5 = 10$
A4 - Addition Strategies - number bonds within 10	$4 + 5 = 9$	$6 + 3 = 9$	$3 + 4 = 7$	$5 + 3 = 8$	$2 + 5 = 7$
A6 - Addition Strategies - add 10	$7 + 10 = 17$	$10 + 5 = 15$	$10 + 8 = 18$	$4 + 10 = 14$	$10 + 9 = 19$
A7 - Addition Strategies - doubles	$2 + 2 = 4$	$8 + 8 = 16$	$9 + 9 = 18$	$4 + 4 = 8$	$7 + 7 = 14$
A8 - Addition Strategies - Doubles + 1	$4 + 3 = 7$	$4 + 5 = 9$	$7 + 8 = 15$	$5 + 6 = 11$	$6 + 7 = 13$
A9 - Addition Strategies - Doubles - 1	$5 + 4 = 9$	$7 + 6 = 13$	$9 + 8 = 17$	$8 + 7 = 15$	$6 + 5 = 11$
A10 - Addition Strategies - make 10 first	$5 + 6 = 11$	$7 + 6 = 13$	$8 + 7 = 15$	$9 + 8 = 17$	$7 + 9 = 16$

Personal Beast Subtraction Fact Inventory

$9 - 0 =$

$7 - 1 =$

$8 - 8 =$

$5 - 0 =$

$4 - 4 =$

$8 - 5 =$

$6 - 4 =$

$9 - 7 =$

$9 - 5 =$

$8 - 3 =$

$20 - 4 =$

$20 - 5 =$

$20 - 8 =$

$20 - 9 =$

$20 - 3 =$

$18 - 4 =$

$17 - 2 =$

$15 - 3 =$

$19 - 7 =$

$16 - 5 =$

$13 - 9 =$

$17 - 9 =$

$15 - 9 =$

$14 - 9 =$

$18 - 9 =$

$14 - 7 =$

$12 - 6 =$

$18 - 9 =$

$16 - 8 =$

$20 - 10 =$

$14 - 8 =$

$12 - 5 =$

$16 - 7 =$

$14 - 6 =$

$18 - 8 =$

$13 - 5 =$

$12 - 7 =$

$15 - 8 =$

$16 - 9 =$

$14 - 6 =$

$15 - 7 =$

$11 - 9 =$

$14 - 5 =$

$13 - 8 =$

$17 - 9 =$

Personal Beast Subtraction Fact Inventory

Check Yourself

S1 - Subtraction Strategies - 10 and within (G)				
$9 - 0 = 9$	$7 - 1 = 6$	$8 - 8 = 0$	$5 - 0 = 5$	$4 - 4 = 0$
$8 - 5 = 3$	$6 - 4 = 2$	$9 - 7 = 2$	$9 - 5 = 4$	$8 - 3 = 5$
S2 - Subtraction Strategies - Subtracting from 20 is like subtracting from 10 (Y)				
$20 - 4 = 16$	$20 - 5 = 15$	$20 - 8 = 12$	$20 - 9 = 11$	$20 - 3 = 17$
S3 - Subtraction Strategies - 10 and within helps with 10 to 20 (P)				
$18 - 4 = 14$	$17 - 2 = 15$	$15 - 3 = 12$	$19 - 7 = 12$	$16 - 5 = 11$
S4 - Subtraction Strategies - Subtracting 10 can help you subtract 9 (G)				
$13 - 9 = 4$	$17 - 9 = 8$	$15 - 9 = 6$	$14 - 9 = 5$	$18 - 9 = 9$
S5 - Subtraction Strategies - halves and near halves (Y)				
$14 - 7 = 7$	$12 - 6 = 6$	$18 - 9 = 9$	$16 - 8 = 8$	$20 - 10 = 10$
$14 - 8 = 6$	$12 - 5 = 7$	$16 - 7 = 9$	$14 - 6 = 8$	$18 - 8 = 10$
S6 - Subtraction Strategies - break to make 10 or subtract from 10 first (P)				
$13 - 5 = 8$	$12 - 7 = 5$	$15 - 8 = 7$	$16 - 9 = 7$	$14 - 6 = 8$
$15 - 7 = 8$	$11 - 9 = 2$	$14 - 5 = 9$	$13 - 8 = 5$	$17 - 9 = 8$

Personal Beast Multiplication Fact Inventory

$6 \times 1 =$	$4 \times 0 =$	$5 \times 0 =$	$8 \times 1 =$	$3 \times 1 =$
$9 \times 10 =$	$8 \times 10 =$	$6 \times 10 =$	$3 \times 10 =$	$7 \times 10 =$
$5 \times 4 =$	$3 \times 5 =$	$7 \times 5 =$	$5 \times 2 =$	$5 \times 9 =$
$2 \times 2 =$	$2 \times 6 =$	$2 \times 3 =$	$8 \times 2 =$	$7 \times 2 =$
$4 \times 4 =$	$4 \times 6 =$	$4 \times 3 =$	$9 \times 4 =$	$4 \times 7 =$
$8 \times 6 =$	$8 \times 5 =$	$3 \times 8 =$	$8 \times 10 =$	$8 \times 9 =$
$3 \times 4 =$	$3 \times 5 =$	$7 \times 3 =$	$3 \times 6 =$	$10 \times 3 =$
$6 \times 2 =$	$6 \times 4 =$	$6 \times 6 =$	$6 \times 7 =$	$6 \times 9 =$
$9 \times 3 =$	$9 \times 7 =$	$9 \times 4 =$	$9 \times 8 =$	$9 \times 2 =$
$7 \times 4 =$	$7 \times 6 =$	$7 \times 8 =$	$7 \times 5 =$	$7 \times 3 =$

Personal Beast Multiplication Fact Inventory

Check Yourself

<u>0 & 1 X</u> $6 \times 1 = 6$	$4 \times 0 = 0$	$5 \times 0 = 0$	$8 \times 1 = 8$	$3 \times 1 = 3$
<u>10 X</u> $9 \times 10 = 90$	$8 \times 10 = 80$	$6 \times 10 = 60$	$3 \times 10 = 30$	$7 \times 10 = 70$
<u>5 X</u> $5 \times 4 = 20$	$3 \times 5 = 15$	$7 \times 5 = 35$	$5 \times 2 = 10$	$5 \times 9 = 45$
<u>2 X</u> $2 \times 2 = 4$	$2 \times 6 = 12$	$2 \times 3 = 6$	$8 \times 2 = 16$	$7 \times 2 = 14$
<u>4 X</u> $4 \times 4 = 16$	$4 \times 6 = 24$	$4 \times 3 = 12$	$9 \times 4 = 36$	$4 \times 7 = 28$
<u>8 X</u> $8 \times 6 = 48$	$8 \times 5 = 40$	$3 \times 8 = 24$	$8 \times 10 = 80$	$8 \times 9 = 72$
<u>3 X</u> $3 \times 4 = 12$	$3 \times 5 = 15$	$7 \times 3 = 21$	$3 \times 6 = 18$	$10 \times 3 = 30$
<u>6 X</u> $6 \times 2 = 12$	$6 \times 4 = 24$	$6 \times 6 = 36$	$6 \times 7 = 42$	$6 \times 9 = 54$
<u>9 X</u> $9 \times 3 = 27$	$9 \times 7 = 63$	$9 \times 4 = 36$	$9 \times 8 = 72$	$9 \times 2 = 18$
<u>7 X</u> $7 \times 4 = 28$	$7 \times 6 = 42$	$7 \times 8 = 56$	$7 \times 5 = 35$	$7 \times 3 = 21$

Personal Beast Division Fact Inventory

$0 \div 5 =$

$6 \div 6 =$

$8 \div 1 =$

$0 \div 9 =$

$4 \div 4 =$

$30 \div 10 =$

$60 \div 10 =$

$80 \div 8 =$

$20 \div 2 =$

$40 \div 10 =$

$35 \div 5 =$

$40 \div 5 =$

$20 \div 4 =$

$25 \div 5 =$

$30 \div 6 =$

$18 \div 2 =$

$8 \div 2 =$

$14 \div 2 =$

$16 \div 8 =$

$12 \div 6 =$

$16 \div 4 =$

$36 \div 4 =$

$32 \div 8 =$

$28 \div 4 =$

$12 \div 3 =$

$48 \div 8 =$

$24 \div 8 =$

$32 \div 8 =$

$40 \div 8 =$

$56 \div 8 =$

$18 \div 6 =$

$24 \div 3 =$

$27 \div 9 =$

$21 \div 3 =$

$15 \div 5 =$

$24 \div 6 =$

$30 \div 6 =$

$42 \div 6 =$

$54 \div 6 =$

$12 \div 2 =$

$81 \div 9 =$

$18 \div 9 =$

$36 \div 9 =$

$54 \div 9 =$

$63 \div 9 =$

$49 \div 7 =$

$21 \div 7 =$

$70 \div 7 =$

$42 \div 7 =$

$63 \div 7 =$

Personal Beast Division Fact Inventory

Check Yourself

<u>0 & 1</u>	$0 \div 5 = 0$	$6 \div 6 = 1$	$8 \div 1 = 8$	$0 \div 9 = 0$	$4 \div 4 = 1$
<u>$\div 10$</u>	$30 \div 10 = 3$	$60 \div 10 = 6$	$80 \div 8 = 10$	$20 \div 2 = 10$	$40 \div 10 = 4$
<u>$\div 5$</u>	$35 \div 5 = 7$	$40 \div 5 = 8$	$20 \div 4 = 5$	$25 \div 5 = 5$	$30 \div 6 = 5$
<u>$\div 2$</u>	$18 \div 2 = 9$	$8 \div 2 = 4$	$14 \div 2 = 7$	$16 \div 8 = 2$	$12 \div 6 = 2$
<u>$\div 4$</u>	$16 \div 4 = 4$	$36 \div 4 = 9$	$32 \div 8 = 4$	$28 \div 4 = 7$	$12 \div 3 = 4$
<u>$\div 8$</u>	$48 \div 8 = 6$	$24 \div 8 = 3$	$32 \div 8 = 4$	$40 \div 8 = 5$	$56 \div 8 = 7$
<u>$\div 3$</u>	$18 \div 6 = 3$	$24 \div 3 = 8$	$27 \div 9 = 3$	$21 \div 3 = 7$	$15 \div 5 = 3$
<u>$\div 6$</u>	$24 \div 6 = 4$	$30 \div 6 = 5$	$42 \div 6 = 7$	$54 \div 6 = 9$	$12 \div 2 = 6$
<u>$\div 9$</u>	$81 \div 9 = 9$	$18 \div 9 = 2$	$36 \div 9 = 4$	$54 \div 9 = 6$	$63 \div 9 = 7$
<u>$\div 7$</u>	$49 \div 7 = 7$	$21 \div 7 = 3$	$70 \div 7 = 10$	$42 \div 7 = 6$	$63 \div 7 = 9$