

Activity 2: Addition and Subtraction

Addition

$3 + 3 = 6$	$3 + 2 = 5$	$3 + 1 = 4$	$3 + 0 = 3$	$3 + (-1) = 2$	$3 + (-2) = 1$	$3 + (-3) = 0$
$2 + 3 = 5$	$2 + 2 = 4$	$2 + 1 = 3$	$2 + 0 = 2$	$2 + (-1) = 1$	$2 + (-2) = 0$	$2 + (-3) = -1$
$1 + 3 = 4$	$1 + 2 = 3$	$1 + 1 = 2$	$1 + 0 = 1$	$1 + (-1) = 0$	$1 + (-2) = -1$	$1 + (-3) = -2$
$0 + 3 = 3$	$0 + 2 = 2$	$0 + 1 = 1$	$0 + 0 = 0$	$0 + (-1) = -1$	$0 + (-2) = -2$	$0 + (-3) = -3$
$-1 + 3 = 2$	$-1 + 2 = 1$	$-1 + 1 = 0$	$-1 + 0 = -1$	$-1 + (-1) = -2$	$-1 + (-2) = -3$	$-1 + (-3) = -4$
$-2 + 3 = 1$	$-2 + 2 = 0$	$-2 + 1 = -1$	$-2 + 0 = -2$	$-2 + (-1) = -3$	$-2 + (-2) = -4$	$-2 + (-3) = -5$
$-3 + 3 = 0$	$-3 + 2 = -1$	$-3 + 1 = -2$	$-3 + 0 = -3$	$-3 + (-1) = -4$	$-3 + (-2) = -5$	$-3 + (-3) = -6$

Subtraction

$3 - 3 = 0$	$3 - 2 = 1$	$3 - 1 = 2$	$3 - 0 = 3$	$3 - (-1) = 4$	$3 - (-2) = 5$	$3 - (-3) = 6$
$2 - 3 = -1$	$2 - 2 = 0$	$2 - 1 = 1$	$2 - 0 = 2$	$2 - (-1) = 3$	$2 - (-2) = 4$	$2 - (-3) = 5$
$1 - 3 = -2$	$1 - 2 = -1$	$1 - 1 = 0$	$1 - 0 = 1$	$1 - (-1) = 2$	$1 - (-2) = 3$	$1 - (-3) = 4$
$0 - 3 = -3$	$0 - 2 = -2$	$0 - 1 = -1$	$0 - 0 = 0$	$0 - (-1) = 1$	$0 - (-2) = 2$	$0 - (-3) = 3$
$-1 - 3 = -4$	$-1 - 2 = -3$	$-1 - 1 = -2$	$-1 - 0 = -1$	$-1 - (-1) = 0$	$-1 - (-2) = 1$	$-1 - (-3) = 2$
$-2 - 3 = -5$	$-2 - 2 = -4$	$-2 - 1 = -3$	$-2 - 0 = -2$	$-2 - (-1) = -1$	$-2 - (-2) = 0$	$-2 - (-3) = 1$
$-3 - 3 = -6$	$-3 - 2 = -5$	$-3 - 1 = -4$	$-3 - 0 = -3$	$-3 - (-1) = -2$	$-3 - (-2) = -1$	$-3 - (-3) = 0$

Extension activity: Multiplication and Division

Multiplication

$3 \times 3 = 9$	$3 \times 2 = 6$	$3 \times 1 = 3$	$3 \times 0 = 0$	$3 \times (-1) = -3$	$3 \times (-2) = -6$	$3 \times (-3) = -9$
$2 \times 3 = 6$	$2 \times 2 = 4$	$2 \times 1 = 2$	$2 \times 0 = 0$	$2 \times (-1) = -2$	$2 \times (-2) = -4$	$2 \times (-3) = -6$
$1 \times 3 = 3$	$1 \times 2 = 2$	$1 \times 1 = 1$	$1 \times 0 = 0$	$1 \times (-1) = -1$	$1 \times (-2) = -2$	$1 \times (-3) = -3$
$0 \times 3 = 0$	$0 \times 2 = 0$	$0 \times 1 = 0$	$0 \times 0 = 0$	$0 \times (-1) = 0$	$0 \times (-2) = 0$	$0 \times (-3) = 0$
$-1 \times 3 = -3$	$-1 \times 2 = -2$	$-1 \times 1 = -1$	$-1 \times 0 = 0$	$-1 \times (-1) = 1$	$-1 \times (-2) = 2$	$-1 \times (-3) = 3$
$-2 \times 3 = -6$	$-2 \times 2 = -4$	$-2 \times 1 = -2$	$-2 \times 0 = 0$	$-2 \times (-1) = 2$	$-2 \times (-2) = 4$	$-2 \times (-3) = 6$
$-3 \times 3 = -9$	$-3 \times 2 = -6$	$-3 \times 1 = -3$	$-3 \times 0 = 0$	$-3 \times (-1) = 3$	$-3 \times (-2) = 6$	$-3 \times (-3) = 9$

Division

$9 \div 3 = 3$	$6 \div 3 = 2$	$3 \div 3 = 1$	$0 \div 3 = 0$	$-3 \div 3 = -1$	$-6 \div 3 = -2$	$-9 \div 3 = -3$
$6 \div 2 = 3$	$4 \div 2 = 2$	$2 \div 2 = 1$	$0 \div 2 = 0$	$-2 \div 2 = -1$	$-4 \div 2 = -2$	$-6 \div 2 = -3$
$3 \div 1 = 3$	$2 \div 1 = 2$	$1 \div 1 = 1$	$0 \div 1 = 0$	$-1 \div 1 = -1$	$-2 \div 1 = -2$	$-3 \div 1 = -3$
$0 \div 0 = 0$	$0 \div 0 = 0$	$0 \div 0 = 0$	$0 \div 0 = 0$	$0 \div 0 = 0$	$0 \div 0 = 0$	$0 \div 0 = 0$
$-3 \div (-1) = 3$	$-2 \div (-1) = 2$	$-1 \div (-1) = 1$	$0 \div (-1) = 0$	$1 \div (-1) = -1$	$2 \div (-1) = -2$	$3 \div (-1) = -3$
$-6 \div (-2) = 3$	$-4 \div (-2) = 2$	$-2 \div (-2) = 1$	$0 \div (-2) = 0$	$2 \div (-2) = -1$	$4 \div (-2) = -2$	$6 \div (-2) = -3$
$-9 \div (-3) = 3$	$-6 \div (-3) = 2$	$-3 \div (-3) = 1$	$0 \div (-3) = 0$	$3 \div (-3) = -1$	$6 \div (-3) = -2$	$9 \div (-3) = -3$