Positive & Negative Integers

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An integer is a whole number that can be positive, negative or zero. In this unit, you will learn how to use positive and negative integers with different mathematical symbols (+, −, × and ÷).

−5	−4	−3	−2	−1	0	1	2	3	4	5

EXAMPLES:

Positive	+ or −	Positive	2	+	2	=	4
			2	−	2	=	0
Positive	+ or −	Negative	2	+	−2	=	0
			2	−	−2	=	4
Negative	+ or −	Negative	−2	+	−2	=	−4
			−2	−	−2	=	0
Positive	× or ÷	Positive	2	×	2	=	4
			2	÷	2	=	1
Positive	× or ÷	Negative	2	×	−2	=	−4
			2	÷	−2	=	−1
Negative	× or ÷	Negative	−2	×	−2	=	4
			−2	÷	−2	=	1

What happens when you **subtract** a negative number?
What happens when you **multiply** two negative numbers?
What happens when you **divide** a negative by a negative number?
The answer becomes positive.

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Instructions: Fill in the empty boxes of the table below.

1	12	−	−5	=		16	12	−	−6	=	
2	−6	×	9	=		17	−7	+	13	=	
3	−7	+	18	=		18	−15	−	−17	=	
4	132	÷	−12	=		19	32	÷	−4	=	
5	−5	×	−10	=		20	−8	+	17	=	
6	−48	÷	−16	=		21	−9	+	−12	=	
7	−2	+	−17	=		22	−4	+	−13	=	
8	−11	−	−3	=		23	−15	−	5	=	
9	−7	×	6	=		24	12	+	−14	=	
10	−9	×	−12	=		25	8	×	−12	=	
11	13	+	−5	=		26	−63	÷	−9	=	
12	24	÷	−6	=		27	−6	−	−18	=	
13	15	×	−4	=		28	17	+	−12	=	
14	−7	−	17	=		29	−12	×	−11	=	
15	−12	+	−18	=		30	−18	−	−17	=	

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1	−4	−	19	=		16	17	+	−9	=	
2	64	÷	−8	=		17	−6	−	14	=	
3	16	×	4	=		18	9	×	−8	=	
4	−9	+	18	=		19	11	−	19	=	
5	7	−	17	=		20	108	÷	−12	=	
6	9	−	−14	=		21	−11	+	−4	=	
7	−19	+	−19	=		22	−18	−	−12	=	
8	−4	×	15	=		23	−49	÷	7	=	
9	−9	+	−6	=		24	−12	+	−9	=	
10	−13	−	−12	=		25	7	×	−9	=	
11	−15	+	9	=		26	−9	−	16	=	
12	49	÷	−7	=		27	−42	÷	−6	=	
13	−12	×	−12	=		28	−7	+	18	=	
14	13	−	19	=		29	−6	+	13	=	
15	−6	×	12	=		30	2	×	−17	=	