

- CCSS: 6.NS
- Learning Objective: Multiplying and Dividing Integers

➤ Rules: For multiplying and dividing integers.

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➤ Examples: Multiplying Integers

1. $6 \cdot 7$ 42	2. $-6 \cdot -7$ 42
3. $6 \cdot -7$ -42	4. $-6 \cdot 7$ -42

➤ Examples: Dividing Integers

1. $54 \div 9$ 6	2. $-54 \div -9$ 6
3. $54 \div -9$ -6	4. $-54 \div 9$ -6

➤ Practice:

1. $4 \cdot -8$	2. $-7 \cdot -3$
3. $5 \cdot 6$	4. $-9 \cdot 12$
5. $-54 \div 9$	6. $52 \div -4$
7. $48 \div 12$	8. $-42 \div -6$

Negative	Zero	Positive
below, below sea level	sea level	above, above sea level
down, backward, behind	no change	up, forward, ahead
before	now	After
withdraw, spend	no change	deposit, earn
loss, lost, lose	break even	profit, win, gain

➤ Review: Write the equivalent integer for the verbal phrase.

- Bryan had to move forward 7 steps. _____
- Arianna withdrew 15 dollars from her bank. _____
- Mr. Wong gained 13 pounds during summer vacation. _____
- Salton City is 38 meters below sea level. _____

➤ Review: Write a verbal phrase that is equivalent to the integer.

- -17 _____
- 8 _____
- -58 _____
- 23 _____
- zero _____

Summarize:

Create a word problem using either multiplication or division of integers.

Solve the problem and show all your work.
