

# Multiplying and Dividing Integers HOMEWORK

P	N	N
N	P	N
N	N	P

**Use multiplication or division to solve the problems below.**

1) Suppose the temperature outside is dropping 3 degrees each hour. How much will the temperature drop in 8 hours?

2) A deep-sea diver descends below the surface of the water at a rate of 60 feet each minute. What is the depth of the diver after 10 minutes?



3) A computer stock lost 2 points each hour for 6 hours. Find the total points the stock fell.



4) The basketball team lost their last 6 games. They lost by a total of 48 points. Find the average number of points by which each game was lost.



5) The enrollment at Davis Middle School dropped by 60 students over a 5-year period. What is the average yearly drop in enrollment?

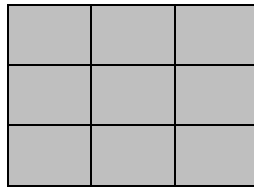
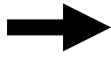
6) A submarine descends at a rate of 60 feet each minute. How long will it take to descend to a depth of 660 feet below the surface?



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Fill in the Multiply & Divide

Tic-Tac-Toe RULE board



**Solve the following by multiplying.**

1)  $-4 \cdot -3 =$

2)  $9 \cdot -5 =$

3)  $10 \cdot 12 =$

4)  $-6 \cdot -6 =$

5)  $-9(9) =$

6)  $-8 \cdot 4 =$

7)  $-6 \cdot 2 \cdot 4 =$

8)  $5 \cdot -10 \cdot 3 =$

9)  $-4(-4) =$

**Solve the following by dividing.**

10)  $-25 \div 5 =$

11)  $90 \div -10 =$

12)  $-72 \div -9 =$

13)  $\frac{-16}{4} =$

14)  $-16 \div 2 =$

15)  $-51 \div -3 =$

16)  $-126 \div 3 \div 7 =$

17)  $-18 \div 3 \div -2 =$

18)  $\frac{-164}{4} =$

19) **Model  $3 \times (-2)$  on the number line below.**

