

0.3**Practice**

Side A

Multiply.

1. $8 \bullet 9$

2. $7(-7)$

3. $-10 \bullet 4$

4. $-5(-6)$

5. $12 \bullet (-1) \bullet (-2)$

6. $-10(-3)(-7)$

7. $-20 \bullet 0 \bullet (-4)$

8. $-4 \bullet 8 \bullet 3$

Evaluate the expression.

9. $(-8)^2$

10. -11^2

11. $9 \bullet (-5)^2$

12. $(-2)^3 \bullet (-6)$

13. You lose 5 points for every wrong answer in a trivia game. What integer represents the change in your points after answering 8 questions wrong?

14. A glacier is melting at a rate of 36 cubic miles each year. What integer represents the change in the glacier's volume over 4 years?

15. The value of a computer is given by the expression $2000 + (-200t)$, where t is the time in years.

a. Complete the table.

Time	1 year	2 years	3 years	4 years
Value				

b. Describe the change in the value of the computer for each year.

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Side B

Divide, if possible.

1. $3 \div (-1)$

2. $8 \div 2$

3. $-10 \div 5$

4. $-21 \div (-7)$

5. $\frac{48}{-6}$

6. $\frac{-13}{-13}$

7. $\frac{0}{3}$

8. $\frac{-55}{11}$

Evaluate the expression.

9. $-63 \div (-7) + 6$

10. $-5 - 12 \div 3$

11. $-8 \cdot 7 + 33 \div (-11)$

12. An online group loses 20 members over five months. What is the mean monthly change in the group membership?
13. The table shows the number of yards a football player runs in each quarter of a game. Find the mean number of yards the player runs per quarter.
- | | | | | |
|---------|----|----|-----|----|
| Quarter | 1 | 2 | 3 | 4 |
| Yards | -2 | 14 | -18 | -6 |
14. The far north region of Alaska has an average temperature of -22°F during the month of March. The interior region has an average temperature of -2°F during the month of March. How many times colder is the far north region than the interior region during March?