

INTEGERS

Multiplication

Name : _____
Class : _____
Date : _____

$0.003 = 3?$

Class VII MATHS
WORKSHEET NO: 3

A Multiply.

1. $14 \times 2 = \underline{\hspace{2cm}}$
2. $-10 \times (-50) = \underline{\hspace{2cm}}$
3. $25 \times (-4) = \underline{\hspace{2cm}}$
4. $-11 \times 30 = \underline{\hspace{2cm}}$
5. $20 \times (-2) = \underline{\hspace{2cm}}$
6. $-6 \times (-100) = \underline{\hspace{2cm}}$
7. $-921 \times 0 = \underline{\hspace{2cm}}$
8. $-1 \times 999 = \underline{\hspace{2cm}}$
9. $-8045 \times (-1) = \underline{\hspace{2cm}}$

B Fill in the blanks.

1. $-4 \times \underline{\hspace{1cm}} = 36$
2. $-1 \times \underline{\hspace{1cm}} = 1000$
3. $-605 \times \underline{\hspace{1cm}} = -605$
4. $\underline{\hspace{1cm}} \times (-189) = 0$
5. $\underline{\hspace{1cm}} \times \frac{1}{(-14)} = 1$
6. $\underline{\hspace{1cm}} \times (-8) = (-8) \times 45$
7. $[6 \times (-20)] \times 9 = 6 \times [\underline{\hspace{1cm}} \times 9]$
8. $[8 \times \underline{\hspace{1cm}}] \times (-7) = 8 \times [(-3) \times \underline{\hspace{1cm}}]$
9. $(-22) \times [(-2) + \underline{\hspace{1cm}}] = [\underline{\hspace{1cm}} \times (-2)] + [(-22) \times (-222)]$

C Put $>$, $<$ or $=$ in the .

1. $86 - 40 \times 15$ $(86 - 40) \times 15$
2. $[(-16) + (-21)] \times (-53)$ $(-16) \times (-53) + (-21) \times (-53)$
3. $[(-67) - 11] \times (-9)$ $(-67) - 11 \times (-9)$

D Answer these questions.

1. Find out whether the integer a is positive or negative in each equation.
 - a. $a \times (-1) = 100$ _____
 - b. $a \times (-1) = -100$ _____
2. What will be the sign of the product if we multiply together 42 negative integers and 7 positive integers? _____
3. What is the value of $(-1) \times (-1) \times (-1) \times \dots$ 103 times? _____
4. Simplify $2 \times (-10) + 2 \times 6$ using a suitable property. _____
5. What is the multiplicative ~~inverse~~ of -1432 ? _____