

INTEGERS

1. Add :

- $(-2)+3=$
- $3-(-2)=$
- $4-5=$
- $102+(-201)=$
- $10-(-3)$

2. Subtract :

- $2-3$
- $(-6)-(+2)$
- $9-4$
- $-21-64$
- $-100-(-100)$

3. Fill in the blanks :

- Subtraction is the _____ of addition.
- Integer and the additive inverse of the same integer is equal to _____.(write in words)
- 6^{th} power of a negative integer is _____.
- $6^3 + 6^2 = \text{_____} + 36$

4. True/False :

- When two integers are multiplied the product is also an integer. This is closure law.
- 0 is the identity element of multiplication.
- $3^8 \div 3^5 = 3^{8-5}$
- The base in 7^3 is 3

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