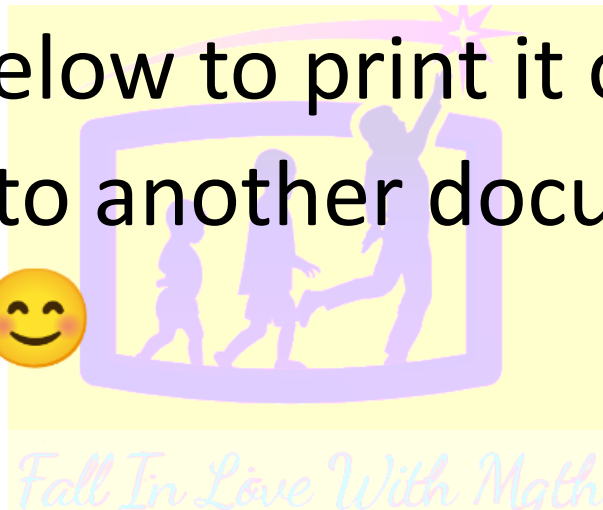# Manjula's Learning Academy

Okay, here is a worksheet with 10 questions on properties of integers. You can use the code block below to print it out or copy it to another document. Enjoy! 😊

```text
Properties of Integers
Worksheet
```

1) Which property of integers states that a + b = b + a for any two integers a and b?

a) Commutative property of addition

b) Associative property of addition

c) Distributive property of addition

d) Identity property of addition

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2) Which property of integers states that a x b = b x a for any two integers a and b?

a) Commutative property of multiplication

b) Associative property of multiplication

c) Distributive property of multiplication

d) Identity property of multiplication

____

3) Which property of integers states that (a + b) + c = a + (b + c) for any three integers a, b and c?

a) Commutative property of addition

b) Associative property of addition

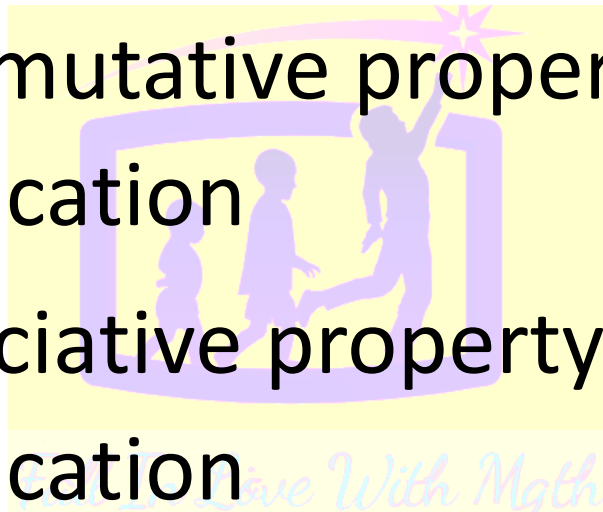c) Distributive property of addition

d) Identity property of addition

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4) Which property of integers states that (a x b) x c = a x (b x c) for any three integers a, b and c?

a) Commutative property of multiplication

b) Associative property of multiplication

c) Distributive property of multiplication

d) Identity property of multiplication

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5) Which property of integers states that a x (b + c) = (a x b) + (a x c) for any three integers a, b and c?

a) Commutative property of multiplication

b) Associative property of multiplication

c) Distributive property of multiplication

d) Identity property of multiplication

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6) Which property of integers states that a + 0 = a for any integer a?

a) Commutative property of addition

b) Associative property of addition

c) Distributive property of addition

d) Identity property of addition

_____

7) Which property of integers states that a x 1 = a for any integer a?

a) Commutative property of multiplication

b) Associative property of multiplication

c) Distributive property of multiplication

d) Identity property of multiplication

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8) Which integer is the additive inverse of -5?

a) -5

b) 5

c) -1

d) 1

_____

9) Which integer is the multiplicative inverse of -3?

a) -3

b) 3

c) -1/3

d) 1/3

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10) Which integer is the multiplicative identity?

a) 0

b) 1

c) -1

# d) None of the above

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Answers:

1. a)

2. a)

3. b)

4. b)

5. c)

6. d)

7. d)

8. b)

9. d)

10. b)