




Distributive Property

Name _____ Class _____ Date _____

1 Which of the following equations is an accurate example of the **Distributive Property**?

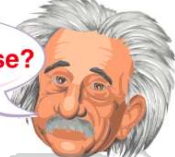
A $65 \times (20 + 34)$
B $4 \times (13 + 23) = (4 + 13) \times (4 + 23)$
C $(65 \times 20) + (65 \times 34)$
D $4 \times (13 + 23) = (4 \times 13) + (4 \times 23)$



2 This equation is **correct**.
 $26 \times (17 + 39) = (26 \times 17) + (26 \times 39)$

A true
B false


True or false?



3 The clerk at register #2 has **8 rolls** of quarters in her drawer. The clerk at register #8 has **10 rolls** of quarters in his drawer. Which **equation** could be used to calculate the **total** amount of money in **18 rolls** of quarters?

4 Using the **Distributive Property**, this equation is true.
 $(43 + 30) \times 14 = (43 + 14) \times (30 + 14)$

A true
B false



5



PREVIEW

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True or false?

A true
B false

Distributive Property



A true
B false


True or false?



9 $5 \times (10 + 30) = 50 + 150 = 200$

Correct or incorrect?


A correct
B incorrect



10 $30 \times (9 + 5) = 27 + 15 = 42$

Correct or incorrect?

A correct
B incorrect





ANSWER KEY

Which of the following equations is an accurate example of the **Distributive Property**?



- A $65 \times (20 + 34)$
- B $4 \times (13 + 23) = (4 + 13) \times (4 + 23)$
- C $(65 \times 20) + (65 \times 34)$
- D $4 \times (13 + 23) = (4 \times 13) + (4 \times 23)$

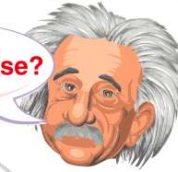
(d)

This equation is **correct**.

$$26 \times (17 + 39) = (26 \times 17) + (26 \times 39)$$

- A true
- B false

True or false?



(a)

The clerk at register #2 has **8 rolls** of quarters in her drawer. The clerk at register #8 has **10 rolls** of quarters in his drawer. Which **equation** could be used to calculate the **total** amount of money in **18 rolls** of quarters?

- A $2 + 8 + 8 + 10 + 18$
- C $25 \times (8 + 10)$

Using the **Distributive Property**, this equation is true.

$$(43 + 30) \times 14 = (43 + 14) \times (30 + 14)$$

- A true
- B false



(b)

3
A
B



PREVIEW

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- A true
- B false



- B false



$$5 \times (10 + 30) = 50 + 150 = 200$$

Correct or incorrect?

- A correct
- B incorrect



(a)

$$30 \times (9 + 5) = 27 + 15 = 42$$

Correct or incorrect?

- A correct
- B incorrect



(b)