Distributive Property

Math

Name_____ Class_____ Date_____

1 Using the **Distributive Property**,
(25 + 30) x 8 = (25 x 8) + (30 x 8).

True or false?

A true
B false

2 During lunch preparation, School 34 used **12 boxes** of fish sticks and School 8 used **20 boxes**. Each box contains **200** fish sticks. Which **equation** could be used to calculate the **total** number of fish sticks cooked at the two schools?

A 34 + 12 + 8 + 20 + 200
B (34 x 12) + (8 x 20)
C (12 x 200) + (20 x 200)
D 200 x (34 + 8)

3 Two boys planned to meet on Saturday to trade sports cards. Tony had **18 packs** and CJ had **24 packs**. Each pack had **10 cards**. Which **equation** could be used to calculate how many cards the boys had in total?

4 Two squirrels have been collecting acorns. One squirrel dug **45 holes** and the other squirrel dug **28 holes**. **Each hole has 5 acorns** hidden inside. Which **equation** could be used to calculate the

5

7

C (23 x 13) + (23 x 43)
D (23 x 13) + 43

by the two basketball players?

A 12 + 8 = 20
B (12 x 4) + (18 x 4) = (12 + 18) x 4
C 12 x 8 = 96
D (12 + 4) x (18 + 4) = (12 + 18) x 4

9 Which equation is an example of the **Distributive Property**?

A 8 x (73 + 50) = 980
B 8 x (73 + 50) = (8 + 73) x (8 + 50)
C (8 x 73) + (50 x 8) = 967
D 8 x (73 + 50) = (8 x 73) + (8 x 50)

10 Using the **Distributive Property**,
(29 + 50) x 68 = (29 x 68) + (50 x 68)

True or false?

A true
B false

Distributive Property

Name_____ Class_____ Date_____

1 Using the **Distributive Property**,
(25 + 30) x 8 = (25 x 8) + (30 x 8).

True or false?

A true
B false

(A)

2 During lunch preparation, School 34 used **12 boxes** of fish sticks and School 8 used **20 boxes**. Each box contains **200** fish sticks. Which **equation** could be used to calculate the **total** number of fish sticks cooked at the two schools?

A 34 + 12 + 8 + 20 + 200
B (34 x 12) + (8 x 20)
C (12 x 200) + (20 x 200)
D 200 x (34 + 8)

(C)

3 Two boys planned to meet on Saturday to trade sports cards. Tony had **18 packs** and CJ had **24 packs**. Each pack had **10 cards**. Which **equation** could be used to calculate how many cards the boys had in total?

(D)

4 Two squirrels have been collecting acorns. One squirrel dug **45 holes** and the other squirrel dug **28 holes**. **Each hole has 5 acorns** hidden inside. Which **equation** could be used to calculate the

(B)

5

(A)

PREVIEW

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7

C (23 x 13) + (23 x 43)
D (23 x 13) + 43

by the two basketball players?

A 12 + 8 = 20
B (12 x 4) + (18 x 4) = (12 + 18) x 4
C 12 x 8 = 96
D (12 + 4) x (18 + 4) = (12 + 18) x 4

(B)

9 Which equation is an example of the **Distributive Property**?

A 8 x (73 + 50) = 980
B 8 x (73 + 50) = (8 + 73) x (8 + 50)
C (8 x 73) + (50 x 8) = 967
D 8 x (73 + 50) = (8 x 73) + (8 x 50)

(D)

10 Using the **Distributive Property**,
(29 + 50) x 68 = (29 x 68) + (50 x 68)

True or false?

A true
B false

Distributive Property

(A)