



Name _____ Class _____ Date _____

1 Using the **Distributive Property**,
 $(25 + 30) \times 8 = (25 \times 8) + (30 \times 8)$.

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 $(34 \times 12) + (8 \times 20)$
- C $(12 \times 200) + (20 \times 200)$
- D $200 \times (34 + 8)$



3 Two boys planned to meet on Saturday to trade sports cards. Tony had **13 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?

- A $18 \times (24 \times 10)$
- B $10 \times (18 + 24) = (10 + 18) \times (10 + 24)$



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 total number of acorns hidden by the squirrels?



PREVIEW

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- B $(13 \times 43) + 23$
- C $(23 \times 13) + (23 \times 43)$
- D $(23 \times 13) + 43$



by the two basketball players?

- A $12 + 8 = 20$
- B $(12 \times 4) + (18 \times 4) = (12 + 18) \times 4$
- C $12 \times 8 = 96$
- D $(12 + 4) \times (18 + 4) = (12 + 18) \times 4$



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

- A $8 \times (73 + 50) = 980$
- B $8 \times (73 + 50) = (8 + 73) \times (8 + 50)$
- C $(8 \times 73) + (50 \times 8) = 967$
- D $8 \times (73 + 50) = (8 \times 73) + (8 \times 50)$



10 Using the **Distributive Property**,
 $(29 + 50) \times 68 = (29 \times 68) + (50 \times 68)$

True or false?

- A true
- B false





ANSWER KEY

Using the **Distributive Property**,
 $(25 + 30) \times 8 = (25 \times 8) + (30 \times 8)$.

True or false?

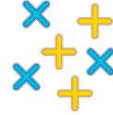
- A true
- B false



(a)

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 $(34 \times 12) + (8 \times 20)$
- C $(12 \times 200) + (20 \times 200)$
- D $200 \times (34 + 8)$



(c)

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?

- A $18 \times (24 \times 10)$
- B $10 \times (18 + 24) = (10 + 18) \times (10 + 24)$
- C $10 \times (18 \times 24)$
- D $10 \times (18 + 24)$



(d)

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 total number of acorns hidden by the squirrels?

- A $(5 \times 45) + 28$
- B $(5 \times 45) + (5 \times 28)$
- C $(5 \times 28) + 45$
- D $(5 \times 45) + (5 \times 28)$



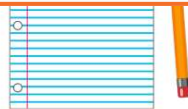
(b)



PREVIEW

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- C $(25 \times 15) + (25 \times 45)$
- D $(23 \times 13) + 43$



- A $12 + 8 = 20$
- B $(12 \times 4) + (18 \times 4) = (12 + 18) \times 4$
- C $12 \times 8 = 96$
- D $(12 + 4) \times (18 + 4) = (12 + 18) \times 4$

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

- A $8 \times (73 + 50) = 980$
- B $8 \times (73 + 50) = (8 + 73) \times (8 + 50)$
- C $(8 \times 73) + (50 \times 8) = 967$
- D $8 \times (73 + 50) = (8 \times 73) + (8 \times 50)$



(d)

Using the **Distributive Property**,
 $(29 + 50) \times 68 = (29 \times 68) + (50 \times 68)$

True or false?

- A true
- B false



(a)