

Commutative/Associative Properties



Name_____ Class____ Date____



Jules has 15 red marbles, 38 green marbles, and 29 yellow. Marcos has 38 red marbles, 15 green marbles and 92 yellow. Do the boys have the same number of marbles?





Maria sold 15 flowers Saturday morning, 60 flowers that afternoon, and 8 flowers just before dark. On Sunday morning, Maria sold 60 flowers in the morning, 8 flowers that afternoon and 15 flowers just before dinner. Did she sell the same number of flowers each day?

- A yes
- B no



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The Associative Property of Multiplication means that changing the grouping of the factors does not change the product. An example is _____.



Mr. Brown put 5 candy bars in each box, then put 10 boxes in each bag, and sent 8 bags to Mrs. Casey. She needed 375 candy bars. Which equation shows that Mr. Brown sent her enough candy bars?



PREVIEW



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- **B** Commutative Property of Addition
- C Associative Property of Multiplication
- **D** Commutative Property of Multiplication

- A Associative Property of Addition
- **B** Commutative Property of Addition
- C Associative Property of Multiplication
- **D** Commutative Property of Multiplication



24 x (143 x 2) = (24 x 143) x 2 is an example of the _____.



- B Commutative Property of Addition
- C Associative Property of Multiplication
- D Commutative Property of Multiplication



153 + 158 = 158 + 153

is an example of the



- A Associative Property of Addition
- **B** Commutative Property of Addition
- C Associative Property of Multiplication
- D Commutative Property of Multiplication



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