

Bell Work

- Which property allows you to rewrite $-16(x - 2)$ as $-16x + 32$?
 - Commutative Property of Multiplication
 - Associative Property of Multiplication
 - Associative Property of Addition
 - Distributive Property
- Simplify: $7(3 + x) + (5 + 4x)$

A. $17x + 5$	C. $7x + 26$
B. $11x + 26$	D. $3x + 26$

Sep 15-2:57 PM

INCLUDED IN THE STUDENT MANUAL

Task #1: New Shoes

You want to buy a new pair of shoes. While looking around at different shoes and styles online, you see a coupon for \$10 off a pair of shoes at a local retailer in town. When you arrive at the store, you see they have sale, 15% off any pair of shoes in stock, but you are not allowed to apply any additional discounts. You do the math to decide whether the coupon or the 15% discount will save you the most money, and you find out the discounted price is the same no matter whether you use the coupon or receive 15% off from the sale. How much did the pair of shoes cost?

$$\frac{0.15x = 10}{0.15} \quad \frac{10}{0.15}$$

$$x = \$66.67$$

~~$$\frac{15}{100} \times \frac{10}{x}$$~~

$$\frac{15x = 1000}{15} \quad \frac{1000}{15}$$

$$x = \$66.67$$

Sep 15-3:11 PM

Construct Story Problems

Color cards → EX: $4(x + 2) = 48$

Write a "story" problem corresponding with Card 1 each equation provided.

4 friends each bring the same # of apples to a picnic. Someone gives each person 2 more. All together they have 48 apples. How many did each person bring?

Each side of a square is increased by 2 units. Its new perimeter is 48. What was the original length of each side?

Write a decontextualized answer in $x =$ form.

card 2 → $x = 10$

Sep 15-3:17 PM

Shuffle & Switch!

Match the trios the previous group constructed.

Sep 15-3:35 PM