Let’s Distribute!

Performance Task

Task Card 1

You and your partner watch the following video, explaining the Distributive Property:

http://studyjams.scholastic.com/studyjams/jams/math/multiplication-division/distrib-property.htm

***After listening to the tutorial, click on Watch Out (gives clues to watch out for possible errors) and the Try It (practice problems)

Task Card 2

$42 + 12 = 6(7+2)$

Is this problem true or false? Explain your thinking with your partner!

Task Card 3

$6(7+2) = (6 \times 7) + (6 \times 2)$

Is it true or false?

Explain your thinking.

Task Card 4

$6(7 + 2) = (6 \times 7) + (6 \times 2) = 42 + 12$

Is it true or false?

Explain your thinking.

Looking at the above expression, on the left side of the equation, can you explain the use of the number 6? Talk it over with your partner.

Task Card 5

Using the expressions below, show each using the distributive property.

(Do this on a sheet of paper.)

- 1. 64 + 32
- 2. 72 + 12
- 3. 45 + 18
- 4. 51 + 21

Task Card 6

Now, go back to the first task card, and watch the video again. You and your partner will now CREATE (level 4) a word problem, using the distributive property. You will do this on a notecard, and these will be used tomorrow.