

Home class 19: Multiplication - Distributive property

1. Solve the following exercises using the property

$$129 \times 3 =$$

$$\begin{aligned} & (\quad + \quad + \quad) \times 3 \\ & \quad \times 3 + \quad \times 3 + \quad \times 3 \\ & \quad + \quad + \quad \\ & \quad \end{aligned}$$

$$5 \times 205 =$$

$$\begin{aligned} & 5 \times (\quad + \quad + \quad) \\ & 5 \times \quad + 5 \times \quad + 5 \times \quad \\ & \quad + \quad + \quad \\ & \quad \end{aligned}$$

$$218 \times 7 =$$

$$\begin{aligned} & (\quad + \quad + \quad) \times 7 \\ & \quad \times 7 + \quad \times 7 + \quad \times 7 \\ & \quad + \quad + \quad \\ & \quad \end{aligned}$$

$$9 \times 143 =$$

$$\begin{aligned} & 9 \times (\quad + \quad + \quad) \\ & 9 \times \quad + 9 \times \quad + 9 \times \quad \\ & \quad + \quad + \quad \\ & \quad \end{aligned}$$

II. Write **yes/no** if the exercise is showing the distributive property.

a. ☐ $412 \times 8 = [400 \times 8] + 12$

c. ☐ $4 \times 532 = 4 \times 50 + 4 \times 30 + 4 \times 2$

b. ☐ $245 \times 6 = 200 \times 6 + 40 \times 6 + 5 \times 6$

d. ☐ $5 \times 422 = 5 \times 400 + 5 \times 20 + 5 \times 2$
