

Name _____

Date _____

Distributive Property

G3

The **distributive property** helps us break apart numbers to make multiplication easier. It shows that multiplying a number by a sum is the same as multiplying each addend separately and then adding the products.

Q1 Which expression shows the distributive property?

A. $5 \times 8 = 8 \times 5$

B. $4 \times 9 = 4 \times 10 - 4$

C. $6 \times 0 = 0$

D. $7 \times (3 + 4) = (7 \times 3) + (7 \times 4)$

Q2 What is $4 \times (5 + 2)$ using the distributive property?

A. $20 + 8 = 28$

B. $9 \times 4 = 36$

C. $4 + 7 = 11$

D. $20 + 2 = 22$

Q3 Which shows 6×7 broken apart using the distributive property?

A. $6 \times (5 + 2)$

B. $6 \times 5 \times 2$

C. $(6 + 7) \times 2$

D. $6 + 6 + 6 + 6 + 6 + 6 + 6$

Q4 Find 8×9 by using the distributive property with $8 \times (10 - 1)$.

A. $80 - 8 = 72$

B. $8 + 9 = 17$

C. $8 \times 10 = 80$

D. $9 \times 10 = 90$

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Distributive Property - Answer Key

Q1 A

Q2 A

Q3 C

Q4 B