**Lesson 1 Distributive Properties**

Click Here For Video Directions

Name _____

*Directions: Click on the video button above or scan the QR Code to provide you with instructions and answers. Rewrite the statements using distributive property.*

| Order of Operations | Distributive Property |
|---|---|
| **EXAMPLE:** 5 x (5 + 6) = 5(11) = 55 | 5 x 5 + 5 x 6 = 25 + 30 = 55 |

| | |
|---|---|
| 1) 5 x (12+7)<br><br>=( 5 × 12 ) + ( 5 × 7 ) | 2) 9 x (3 + 8)<br><br>=( 9 × 3 ) + ( 9 × 8 ) |
| 3) 14 x (2 + 4)<br><br>=( 14 × 2 ) + ( 14 × 4 ) | 4) 2 x (5 + 10)<br><br>=( 2 × 5 ) + ( 2 × 10 ) |
| 5) 7 x 3 + 7 x 5<br><br>= 7 x ( 3 + 5 ) | 6) 13 x (9 + 6)<br><br>=( 13 × 9 ) + ( 13 × 6 ) |
| 7) 6 x (12 + 4 )<br><br>=( 6 × 12 ) + ( 6 × 4 ) | 8) 8 x 4 + 8 x 8)<br><br>= 8 x ( 4 + 8 ) |
| 9) 9 x 3 + 9 x 12<br><br>= 9 x ( 3 + 12 ) | 10) 11 x ( 4 + 7)<br><br>=( 11 × 4 ) + ( 11 × 7 ) |

| | | |
|---|---|---|
| 11) $5 \times (3+7) =$ | 12) $2 \times (4+2) =$ | 13) $6 \times (9+3) =$ |
| A. $5 + (3 \times 7)$ | A. $12 \times 4 + 12 \times 2$ | A. $6 + 9 \times 6 + 3$ |
| B. $5 + 3 \times 5 + 7$ | B. $12 + 4 \times 12 + 2$ | B. $6 + (9 \times 3)$ |
| C. $5 \times 3 + 5 \times 7$ | C. $12 + (4 \times 2)$ | C. $6 \times 9 \times 3$ |
| D. $5 \times 3 \times 7$ | D. $12 \times 4 \times 2$ | D. $6 \times 9 + 6 \times 3$ |
| Correct Choice: C | Correct Choice: A | Correct Choice: D |