| Finding As | ssociative Pr | operty Name: | |
|---|---------------|---|-------------------|
| Determine which choice is not an equiva | Answers | | |
| 1) Which expression is not equal to $(6 \times 10) \times 4$ | 2) | Which expression is not equal to $8 \times (3 \times 5)$ | 1 |
| A. 6 × 40 | | A. $(8 \times 3) \times 5$ | |
| B. $6 \times (10 \times 4)$ | | B. 24 × 5 | 2. |
| C. $6 + (10 \times 4)$ | | C. 8 × 15 | |
| D. 60 × 4 | | D. $(8+3) \times 5$ | 3 |
| 3) Which expression is not equal to $2 + (0 + 5)$ | 4) | Which expression is not equal to $((1, 2)) = 0$ | 4 |
| $2 \times (9 \times 5)$ A. 18×5 | | $(6 \times 7) \times 8$ A. 42×8 | |
| | | | 5 |
| B. 27×5 | | B. $6 + (7 \times 8)$ | |
| C. $(2 \times 9) \times 5$ | | $C. 6 \times (7 \times 8)$ | 6 |
| D. 2 × 45 | | D. 6 × 56 | |
| 5) Which expression is not equal to | 6) | Which expression is not equal to | 7 |
| $2 \times (3 \times 9)$ | 0) | $(6 \times 8) \times 4$ | |
| $A. 2 \times 30$ | | $A. 6 \times (8 \times 4)$ | 8. |
| $B. (2 \times 3) \times 9$ | | $\mathbf{B}. 48 \times 4$ | |
| $\begin{array}{c} \text{C.} 2 \times 37 \\ \text{C.} 2 \times 27 \end{array}$ | | $C. 56 \times 4$ | 9. |
| $D. 6 \times 9$ | | $D. 6 \times 32$ | |
| | | D . 0 × 32 | 10 |
| 7) Which expression is not equal to | 8) | Which expression is not equal to | |
| $(2 \times 3) \times 8$ | | $(4 \times 6) \times 3$ | 11 |
| A. 6 × 8 | | A. 4 × 18 | |
| B. $2 \times (3 \times 8)$ | | B. 24×3 | 12. |
| C. $2 + (3 \times 8)$ | | C. 4 × 24 | |
| D. 2 × 24 | | D. $4 \times (6 \times 3)$ | |
| 9) Which expression is not equal to $(3 \times 6) \times 4$ | 10) | Which expression is not equal to $3 \times (2 \times 9)$ | |
| A. 3 × 24 | | A. 6 × 9 | |
| B. 24 × 4 | | B. 3 × 18 | |
| C. 3 × (6 × 4) | | C. $(3 \times 2) \times 9$ | |
| D. 18 × 4 | | D. (3+2) × 9 | |
| 11) Which expression is not equal to $(7 \times 8) \times 6$ | 12) | Which expression is not equal to $10 \times (6 \times 5)$ | |
| A. 7×48 | | A. $(10+6) \times 5$ | |
| $B. 7 \times 40$ | | B. $(10 \times 6) \times 5$ | |
| C. 56 × 6 | | $C. 60 \times 5$ | |
| D. $7 \times (8 \times 6)$ | | D. 10×30 | |
| | | | |
| Math www.CommonCoreS | | 9 1-10 92 83 75 67 11-12 8 0 | 58 50 42 33 25 17 |

| | Finding A | Associative Pr | operty Name: A | Answer Key |
|------|---|----------------|--|---|
| Dete | ermine which choice is not an equiv | | 1 0 | Answers |
| 1) | Which expression is not equal to $(6 \times 10) \times 4$ A. 6×40 B. $6 \times (10 \times 4)$ C. $6 + (10 \times 4)$ D. 60×4 | 2) | Which expression is not equal to $8 \times (3 \times 5)$ A. $(8 \times 3) \times 5$ B. 24×5 C. 8×15 D. $(8+3) \times 5$ | 1. <u>C</u> 2. <u>D</u> 3. <u>B</u> |
| 3) | Which expression is not equal to $2 \times (9 \times 5)$ A. 18×5 B. 27×5 C. $(2 \times 9) \times 5$ D. 2×45 | 4) | Which expression is not equal to $(6 \times 7) \times 8$ A. 42 × 8 B. 6 + (7 × 8) C. 6 × (7 × 8) D. 6 × 56 | 4. <u>B</u> 5. <u>A</u> 6. <u>C</u> 7. <u>C</u> |
| 5) | Which expression is not equal to $2 \times (3 \times 9)$ A. 2×30 B. $(2 \times 3) \times 9$ C. 2×27 D. 6×9 | 6) | Which expression is not equal to (6×8) × 4 A. $6 \times (8 \times 4)$ B. 48×4 C. 56×4 D. 6×32 | 7. <u>C</u> 8. <u>C</u> 9. <u>B</u> 10. <u>D</u> |
| 7) | Which expression is not equal to $(2 \times 3) \times 8$ A. 6×8 B. $2 \times (3 \times 8)$ C. $2 + (3 \times 8)$ D. 2×24 | 8) | Which expression is not equal to $(4 \times 6) \times 3$ A. 4×18 B. 24×3 C. 4×24 D. $4 \times (6 \times 3)$ | 11. <u>B</u> 12. <u>A</u> |
| 9) | Which expression is not equal to $(3 \times 6) \times 4$ A. 3×24 B. 24×4 C. $3 \times (6 \times 4)$ D. 18×4 | 10) | Which expression is not equal to $3 \times (2 \times 9)$ A. 6×9 B. 3×18 C. $(3 \times 2) \times 9$ D. $(3 + 2) \times 9$ | |
| 11) | Which expression is not equal to $(7 \times 8) \times 6$ A. 7×48 B. 7×40 C. 56×6 D. $7 \times (8 \times 6)$ Math | 12) | Which expression is not equal to $10 \times (6 \times 5)$ A. $(10 + 6) \times 5$ B. $(10 \times 6) \times 5$ C. 60×5 D. 10×30 11-10 92 83 75 11-12 8 0 | 67 58 50 42 33 25 17 |