$\qquad$

Identify the associative property of multiplication from the choices below.

| 1) | 2) |
| :---: | :---: |
| A. $10 \times(3 \times 5)=(10 \times 3) \times 5$ | A. $5 \times 1=5$ |
| B. $10 \times 3=3 \times 10$ | B. $5 \times(9 \times 12)=(5 \times 9) \times 12$ |
| C. $10 \times 1=10$ | C. $5 \times(9+12)=5 \times 9+5 \times 12$ |
| D. $10 \times(3+5)=10 \times 3+10 \times 5$ | D. $5 \times 9=9 \times 5$ |
| Correct Choice: $\square$ | Correct Choice: $\square$ |
| 3) |  |
| A. $8 \times(9+2)=$ <br> B. $8 \times(9 \times 2)=$ <br> C. $8 \times 9=9 \times\{$ <br> D. $8 \times 1=8$ <br> DD ח $+6 \times 3$ <br> i) $\times 3$ <br> Correct Choice: |  |
|  |  |
|  |  |
| 5) <br> Gain complete access to the largest collection of worksheets in all subjects! |  |
| A. $7 \times 8=8 \times$ <br> collection of worksheets in all subjects! |  |
| C. $(7 \times 8) \times 5=$ |  |
| D. $7 \times \frac{1}{7}=1$ <br> Members, please Correct Choice: log in to | Not a member? <br> Please sign up to |
| 7) <br> download this worksheet. | gain complete |
| A. $9 \times 4=4 \times$ ! $\quad$ B. $9 \times(4+6)=$ | access. |
| B. $9 \times(4+6)=$ |  |
| C. $9 \times(4 \times 6)=$ |  |
| D. $9 \times 1=9 \quad$ www.mathwo | www.mathworksheets4kids.com |
| Correct Choice: | $\square$ |
| 9) | 10) |
| A. $11 \times 5=5 \times 11$ | A. $5 \times 1=5$ |
| B. $11 \times 1=11$ | B. $(5 \times 10) \times 4=5 \times(10 \times 4)$ |
| C. $11 \times(5+2)=11 \times 6+12 \times 8$ D. $(11 \times 5) \times 2=11 \times(5 \times 2)$ | C. $5 \times 10=10 \times 5$ |
| D. $(11 \times 5) \times 2=11 \times(5 \times 2)$ | D. $5 \times(10+4)=5 \times 10+5 \times 4$ |
| Correct Choice: $\square$ | Correct Choice: $\square$ |

$\qquad$

| 1) | 2) |
| :---: | :---: |
| A. $10 \times(3 \times 5)=(10 \times 3) \times 5$ | A. $5 \times 1=5$ |
| B. $10 \times 3=3 \times 10$ | B. $5 \times(9 \times 12)=(5 \times 9) \times 12$ |
| C. $10 \times 1=10$ | C. $5 \times(9+12)=5 \times 9+5 \times 12$ |
| D. $10 \times(3+5)=10 \times 3+10 \times 5$ | D. $5 \times 9=9 \times 5$ |
| Correct Choice: $A$ | Correct Choice: $B$ |
| 3) | 4) |
| A. $8 \times(9+2)=8 \times 9+8 \times 7$ |  |
| B. $8 \times(9 \times 2)=$ |  |
|  |  |
| D. $8 \times 1=8$ | $1+6 \times 3$ |
| Correct Choice: |  |
| 5) |  |
| A. $7 \times 8=8 \times$ : <br> Gain complete access to the largest |  |
| B. $7 \times 1=7$ collection of worksheets in all subjects! ! $\times 4$ |  |
| D. $7 \times \frac{1}{7}=1$ |  |
| Correct Choice: Members, please | Not a member? |
| 7) $\log$ in to this dain cogn up to |  |
| A. $9 \times 4=4 \times$ ! download this | gain complete $\quad 10 \times 2$ ) |
| B. $9 \times(4+6)=$ worksheet. | access. |
| C. $9 \times(4 \times 6)=$ |  |
| D. $9 \times 1=9$ |  |
| Correct Choice: \| www.mathworksheets4kids.com |  |
| 9) \|iv) |  |
| A. $11 \times 5=5 \times 11$ | A. $5 \times 1=5$ |
| B. $11 \times 1=11$ | B. $(5 \times 10) \times 4=5 \times(10 \times 4)$ |
| C. $11 \times(5+2)=11 \times 6+12 \times 8$ | C. $5 \times 10=10 \times 5$ |
| D. $(11 \times 5) \times 2=11 \times(5 \times 2)$ | D. $5 \times(10+4)=5 \times 10+5 \times 4$ |
| Correct Choice: $D$ | Correct Choice: $B$ |

