**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Expressions and Equations (6.EE.3)**

Which expressions are equivalent to $6+12x ?$

|  |  |
| --- | --- |
| Choose yes or no | Explain your thinking |
| A. $3(2+4x)$ Yes or No |  |
| B. $3\left(2+6x\right)+2x$  Yes or No |  |
| C. 5$\left(1+2x\right)+1+2x$  Yes or No |  |
| D. $7\left(1+2x\right)-2x-1$  Yes or No |  |
| E. $7\left(1+2x\right)+2x-1$  Yes or No |  |

Source: PARCC Spring 2018 Grade 6 Released Items <https://parcc-assessment.org/wp-content/uploads/2018/08/Math_2018_Released_Items/Grade06/Grade-6-Math-Item-Set-2018.pdf>