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

**Ratios and Proportional Relationships (7.RP.3)**

The price of a certain item in P dollars. The sales tax on the item is 7%. Which expressions represent the total cost of the item, in dollars, after the tax has been applied?

|  |  |
| --- | --- |
| Choose yes or no | Explain your thinking |
| A. $0.07P$ Yes or No |  |
| B. $1.07P$  Yes or No |  |
| C. $P+0.07P$  Yes or No |  |
| D. $1+0.07P$  Yes or No |  |
| E. $\left(1+0.07\right)P$  Yes or No |  |

Source: PARCC Spring 2017 Grade 7 Released Items <https://parcc-assessment.org/wp-content/uploads/2018/01/MathReleasedItems/Grade-7-Math-Item-Set-2017.pdf>