

## HOT Problems

### 12. Mathematical Practices



### Plan Your Solution

A cooking pot holds 1,000 mL of sauce. Then half of the sauce is used. Another 300 mL of sauce is added back in. Once again, half of the pot of sauce is used. How many milliliters of sauce is needed in order to fill the pot again?

1  
 $1000 \div \boxed{\phantom{00}} = \boxed{\phantom{00}} \text{ mL}$

2  
 $500 + \boxed{\phantom{00}} = \boxed{\phantom{00}} \text{ mL}$

3  
 $800 \div 2 = \boxed{\phantom{00}} \text{ mL}$

4  
 $\boxed{\phantom{00}} - 400 = \boxed{\phantom{00}} \text{ mL}$