

The rule for making scones is use 4 times as much flour ( $f$ ) as butter ( $b$ ).

Which is the correct formula to represent this?

**A**

$$f = \frac{b}{4}$$

**B**

$$f = 4b$$

**C**

$$f = b + 4$$

**D**

$$4f = b$$

Explain why the others are incorrect.