

Joey and Monica are learning to add fractions. Joey adds two fractions with common (same) or "like" (alike) denominators. He gets the answer below.

$$\frac{3}{6} + \frac{2}{6} = \frac{5}{12}$$

Monica thinks Joey's answer is incorrect. She thinks Joey has made the mistake many students make by adding the denominators.

- a. Do you think Joey's answer is correct, or do you agree with Monica?

- b. Monica says Joey can check if his answer makes sense by using the benchmark fraction $\frac{1}{2}$. Explain how Joey can use Monica's strategy.

- c. To make units more clear, Monica uses words instead of denominators. Rewrite and solve the equation using Monica's strategy.

$$\boxed{} \text{ sixths} + \boxed{} \text{ sixths} = \boxed{} \text{ sixths} = \frac{\boxed{}}{\boxed{}}$$