

Equivalent Fractions in Models: Review Connections



Use the matching sheet ID when checking answers.

Use what you learned to explain, construct or apply an idea.

1. Fill in: $\frac{3}{4} = \frac{\quad}{12}$.

Answer: 9

2. Reduce $\frac{6}{8}$.

Answer: $\frac{3}{4}$

3. Draw $\frac{1}{2}$ and $\frac{3}{6}$ using same-sized wholes.

Look for:

- Uses same-sized wholes.
- Shows equivalent amounts.

One possible response: Equal shaded lengths in halves and sixths.

4. A student changes $\frac{2}{3}$ to $\frac{3}{4}$ by adding one to both numbers. Is this equivalent?

Look for:

- Uses a valid model or common denominator to reject the claim.

One possible response: No; $\frac{2}{3} = \frac{8}{12}$ and $\frac{3}{4} = \frac{9}{12}$.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.