

Equivalent Fractions in Models: Check Your Understanding



Use the matching sheet ID when checking answers.

Work through these tasks. Use the answers afterwards to discuss specific strengths and next steps.

1. Complete: $\frac{2}{5} = \frac{\quad}{15}$.

Answer: 6

2. Which is equivalent to $\frac{4}{6}$: $\frac{2}{3}$ or $\frac{3}{4}$?

Answer: $\frac{2}{3}$

3. Show why $\frac{2}{4}$ equals $\frac{1}{2}$.

Look for:

- Models equal quantities.

One possible response: Two quarters cover half of the same whole.

4. Do equal fractions guarantee equal physical amounts when the wholes differ?

Look for:

- Distinguishes fraction proportion from physical amount.

One possible response: No. The wholes must be comparable in size.

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