

Factor Solve and Check Quadratics: Explore and Explain



Use the matching sheet ID when checking answers.

Explore the material. Talk through your reasoning with suitable support.

1. Factor $x^2 - 7x + 12$.

Answer: $(x - 3)(x - 4)$

2. Solve $x^2 - 7x + 12 = 0$.

Answer: $x = 3$ or $x = 4$

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