Solve Two-Step Equations — Student practice

Name: _____ Class: _____

Directions: Solve each equation. Show your steps and check your answers.

Question 1

Solve 4p + 7 = 39.

_____

_____

Question 2

Solve three-fifths of x minus 2 equals 10.

_____

_____

Question 3

Solve –2n + 9 = –5.

_____

_____

Question 4

Solve 1.5h + 4.5 = 18.

_____

_____

Question 5

Solve x/4 – 2.5 = 3.5.

_____

_____

Group reasoning

Tickets cost $2.25 each plus a one-time $9 order fee. The final bill is $36. Write and solve an equation for the number of tickets.

_____

_____

_____

_____

Additional practice — if time allows

Solve an equation with a negative coefficient: –1.5x + 2 = –10.

_____

_____

Exit ticket — work independently

Solve 2.5x – 6 = 11.5, and show a substitution check.

_____

_____

_____

Confidence check

☐ I can explain my reasoning.

☐ I need another example.