# Solve Equations Using the Distributive Property — Student practice

Name: _____ Class: _____

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

### Question 1

Solve 2(x + 5) = 24.

_____

_____

### Question 2

Solve 4(p – 3) + 5 = 33.

_____

_____

### Question 3

Solve –(3x – 6) + 2 = –7.

_____

_____

### Question 4

Solve half of (4n + 6) equals 13.

_____

_____

### Question 5

Solve 2(3y – 4) + y = 27.

_____

_____

## Group reasoning

Four tickets each receive a $3 discount from original price p, plus a one-time $6 processing fee. The group pays $66. Form and solve the equation.

_____

_____

_____

_____

### Additional practice — if time allows

Solve –3(2m – 1) + 2m = –9.

_____

_____

### Exit ticket — work independently

Solve 3(2x – 1) + 5 = 32.

_____

_____

_____

### Confidence check

☐ I can explain my reasoning.

☐ I need another example.