

Solve Equations

Directions: Mark the circle with the letter of the best answer. For student-produced responses, be sure to write your answer and fill in the circles.

- 1** What is the value of p in the following equation?

$$\frac{p}{3} - 5 = 9$$

- (A) $p = 12$
 (B) $p = 14$
 (C) $p = 36$
 (D) $p = 42$

- 2** What is the value of x in the following equation?

$$3x + 9 - x - 7 = 6$$

- (F) $x = -5$
 (G) $x = -2.5$
 (H) $x = 1$
 (J) $x = 2$



Begin by simplifying like terms.

- 3** What is the value of w in the following equation?

$$\frac{w + 4}{6 + 8} = -12$$

- (A) $w = -172$
 (B) $w = -164$
 (C) $w = -26$
 (D) $w = -4\frac{6}{7}$

- 4** What is the value of y ?

$$4y - 6 - 2y + 3 = 9$$

	⊗	⊗	⊗	
⊙	⊙	⊙	⊙	⊙
0	0	0	0	0
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9