

Test, Form 1A

Write the letter for the correct answer in the blank at the right of each question.

Translate each sentence into an equation.

1. The sum of five times a number and -6 is -2 .

A. $-6n + 5 = -2$

C. $5n - (-6) = -2$

B. $\frac{n}{5} - 6 = -2$

D. $5n + (-6) = -2$

1. **D**

2. Three less than one-half a number is -71 .

F. $-\frac{1}{2}n + 2 = -71$

H. $\frac{1}{2}n - 3 = -71$

G. $2n - \frac{1}{2} = -71$

I. $3 - \frac{1}{2}n = -71$

2. **H**

Solve each equation.

3. $10 + \frac{1}{3}y = 1$

A. -30

B. -27

C. 27

D. 30

3. **B**

4. $-0.4w = 4.2$

F. 105

G. -10.5

H. -105

I. 10.5

4. **G**

5. $\frac{x}{2} - 5 = -3$

A. 4

B. 1

C. -4

D. -16

5. **A**

6. $-5 - 3w = 7w$

F. 4

G. 2

H. -0.5

I. -2

6. **H**

7. $\frac{4}{7}w = 16$

A. 4

B. 14

C. 28

D. 112

7. **C**

8. Marianna wants to buy a new tennis racket that costs \$57.50.

She has \$8 and plans to save \$4.50 each week. How many weeks will it take her to save the money?

F. 24 weeks

H. 11 weeks

G. 15 weeks

I. 10 weeks

8. **H**

