

Algebra 1

Name _____ ID: 1

Module 1 Retest Review

Date _____ Period _____

Solve each equation.

1) $9 + 2a = 23$

2) $\frac{p}{8} - 4 = -3$

3) $-3 = 1 + x - 2x$

4) $31 + x = 8(2x - 1) - 6$

5) $6b + 2(b + 4) = 14 + 6b$

6) $-5(4x - 4) + 10x = 4(x - 9)$

Solve each proportion.

7) $\frac{7b}{7} = \frac{5}{4}$

8) $\frac{5}{8} = \frac{m}{2}$

9) $\frac{8}{10} = \frac{3}{k-3}$

10) $\frac{x-5}{5} = \frac{3x+11}{3}$

Answers to Module 1 Retest Review (ID: 1)

1) $\{7\}$

5) $\{3\}$

9) $\left\{\frac{27}{4}\right\}$

2) $\{8\}$

6) $\{4\}$

10) $\left\{-\frac{35}{6}\right\}$

3) $\{4\}$

7) $\left\{\frac{5}{4}\right\}$

4) $\{3\}$

8) $\left\{\frac{5}{4}\right\}$