

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Solve the Equations

Round your answers to the nearest hundredth if needed.

1)  $-26.5 - 8.5z = -8(3z - 5)$

6)  $27.5 + 8.5f = -2.5(5f + 4)$

2)  $-7(5r + 4) = -23.5 + 5.5r$

7)  $22.5 + 2h = -9.5(7.5h + 6)$

3)  $20.5 - 9.5y = -7.5(6y - 4)$

8)  $-5.5(9a - 2.5) = -23.5 - 9.5a$

4)  $18.5 + 8.5v = 9.5(2v + 2.5)$

9)  $5.5(6.5d + 6) = 21.5 - 7.5d$

5)  $-7.5(8.5k + 4) = -17.5 + 3.5k$

10)  $-8(2b + 6.5) = 19.5 - 6b$



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## Solve the Equations

Round your answers to the nearest hundredth if needed.

1)  $-26.5 - 8.5z = -8(3z - 5)$

$z = 4.29$

6)  $27.5 + 8.5f = -2.5(5f + 4)$

$f = -1.79$

2)  $-7(5r + 4) = -23.5 + 5.5r$

$r = -0.11$

7)  $22.5 + 2h = -9.5(7.5h + 6)$

$h = -1.09$

3)  $20.5 - 9.5y = -7.5(6y - 4)$

$y = 0.27$

8)  $-5.5(9a - 2.5) = -23.5 - 9.5a$

$a = 0.93$

4)  $18.5 + 8.5v = 9.5(2v + 2.5)$

$v = -0.50$

9)  $5.5(6.5d + 6) = 21.5 - 7.5d$

$d = -0.27$

5)  $-7.5(8.5k + 4) = -17.5 + 3.5k$

$k = -0.19$

10)  $-8(2b + 6.5) = 19.5 - 6b$

$b = -7.15$

