

# Solving Linear Equations PRET Homework

## Literacy

Rearrange the words..

GALERAB

NIEQTAUO

LIMFISYP

REMT

## Research

Find the names of some Mathematicians who worked in the field of algebra. What did they do?

## Memory

1. Solve

$$5y = 50$$

$$y = 50 \div 5$$

$$y = 10$$

2. Solve

$$2y + 7 = 29$$

$$2y = 29 - 7$$

$$2y = 22$$

$$y = 22 \div 2$$

$$y = 11$$

## WARM

Solve each of the equations..

1.  $a + 6 = 12$

2.  $r - 5 = 18$

3.  $5t = 25$

4.  $4p = 28$

5.  $3w = 36$

6.  $d - 1 = 0$

7.  $\frac{p}{7} = 6$  8.  $\frac{k}{4} = 2$

## HOT

Solve each of the equations..

1.  $4a + 3 = 19$

2.  $5r - 2 = 28$

3.  $8t + 7 = 63$

4.  $2p + 2 = 26$

5.  $7w - 12 = 30$

6.  $6d - 4 = 32$

7.  $12g - 9 = 123$

8.  $9k + 2 = 65$

## SCORCHING

Solve each of the equations..

1.  $2(a + 5) = 14$

2.  $5(r - 2) = 30$

3.  $3(2t + 7) = 69$

4.  $5(3p - 4) = 24$

5.  $4(7w - 3) = 72$

6.  $3(3d + 5) = 87$

7.  $2(9g - 5) = 62$

8.  $5(2k + 2) = 90$

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1. Solve

$$5y = 50$$

$$y = 50 \div 5$$

$$y = 10$$

2. Solve

$$2y + 7 = 29$$

$$2y = 29 - 7$$

$$2y = 22$$

$$y = 22 \div 2$$

$$y = 11$$

## WARM

Solve each of the equations..

1.  $a = 6 = 12$

2.  $r = 23 = 18$

3.  $5t = 55$

4.  $4p = 7 = 8$

5.  $3w = 12 = 6$

6.  $d = 1 = 0$

7.  $\frac{n}{7} = 42$     8.  $\frac{k}{4} = 8$

## HOT

Solve each of the equations..

1.  $4a = 4 = 19$

2.  $5r = 6 = 28$

3.  $8t = 7 = 63$

4.  $2p = 12 = 26$

5.  $7w = 6 = 30$

6.  $6d = 6 = 32$

7.  $12g = 11 = 123$

8.  $9k = 7 = 65$

## SCORCHING

Solve each of the equations..

1.  $2(a = 2) = 14$

2.  $5(r = 8) = 30$

3.  $3(2t = 8) = 69$

4.  $5(p = 44/15) = 24$

5.  $4(w = 3) = 72$

6.  $3(3d = 8) = 87$

7.  $2(9g = 4) = 62$

8.  $5(2k = 8) = 90$