## Solving Linear Equations PRET Homework

### Literacy
Rearrange the words:
- LIMFISYP
- NIEQTAUO
- GALERAB
- REMT

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

### Memory
1. Solve
   - $2y + 7 = 29$
   - $5y = 50$
   - $y = 50 \div 5$
   - $y = 10$
   - $2y = 22$
   - $y = 22 \div 2$
   - $y = 11$

### 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. $5(2k + 2) = 90$
**Solving Linear Equations PRET Homework**

<table>
<thead>
<tr>
<th>Literacy</th>
<th>Research</th>
<th>Memory</th>
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<tbody>
<tr>
<td><strong>LIMFISYP</strong></td>
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<td>2. Solve $2y + 7 = 29$</td>
</tr>
<tr>
<td><strong>NIEQTAUO</strong></td>
<td><strong>5y = 50</strong></td>
<td>$2y = 29 - 7$</td>
</tr>
<tr>
<td><strong>GALERAB</strong></td>
<td><strong>y = 50 ÷ 5</strong></td>
<td>$2y = 22$</td>
</tr>
<tr>
<td><strong>REMT</strong></td>
<td><strong>y = 10</strong></td>
<td>$y = 22 ÷ 2$</td>
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<tr>
<td>1. $a = 6 = 12$</td>
<td>1. $4a = 4 = 19$</td>
<td>1. $2(a = 2) = 14$</td>
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<tr>
<td>2. $r = 23 = 18$</td>
<td>2. $5r = 6 = 28$</td>
<td>2. $5(r = 8) = 30$</td>
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<tr>
<td>3. $5t = 55$</td>
<td>3. $8t = 7 = 63$</td>
<td>3. $3(2t = 8') = 69$</td>
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<td>4. $p = 7 = 28$</td>
<td>4. $2pp = 12 = 26$</td>
<td>4. $5(p = 44/15) = 24$</td>
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<tr>
<td>5. $3w = 126$</td>
<td>5. $7ww = 6 = 30$</td>
<td>5. $4(\ w = 3) = 72$</td>
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<tr>
<td>6. $d = 1 = 0$</td>
<td>6. $6dd = 6 = 32$</td>
<td>6. $3(3d = 8) = 87$</td>
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<tr>
<td>7. $p = 42 = 8$</td>
<td>7. $12g = 11 = 123$</td>
<td>7. $2(9g = 4) = 62$</td>
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<tr>
<td>8. $kk = 7 = 65$</td>
<td>8. $5(2k = 8) = 90$</td>
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