

## 1.3 Enrichment and Extension

### Where can you buy a ruler that is three feet long?

Solve the equations. Order the solutions from least to greatest. Once ordered, the variables will spell the answer to the riddle.

1.  $5d - 4 = 4 - d$

2.  $-10e + 15 = 95 - 30e$

3.  $15t + 17 = 13t + 14$

4.  $-12 - a = 4a - 7$

5.  $4a - 16 = a - 15$

6.  $4y + 12 = 6y + 12$

7.  $0.25r - 0.25 + 0.25r = 0.5 - 0.25r$

8.  $-4a + 7 = a + 32$

9.  $13s - 31 = 2s - 9$

10.  $a + 1.25 = 2a - 1$

11.  $3\ell + 4 + \ell = 13 + \ell$

<b>Solution</b>													
<b>Variable</b>													