Patterning and Algebra
Unit 2 Line Master 6

### Working on It Answers

# On-Grade (One-Step Equations)

$$m = 24 \div 3$$
;  $m = 8$   
 $6 \times c = 42$ ;  $c = 7$   
 $5p = 50$ ;  $p = 10$   
 $6 = \frac{n}{5}$ ;  $n = 30$   
 $49 = 7 \times k$ ;  $k = 7$   
 $b = 72 \div 9$ ;  $b = 8$   
 $36 = 4 \times t$ ;  $t = 9$   
 $\frac{35}{s} = 5$ ;  $s = 7$   
 $11e = 44$ ;  $e = 4$ 

#### Accommodation

$$a = 6 \div 3$$
;  $a = 2$   
 $4 \times b = 12$ ;  $b = 3$   
 $15 = 3 \times c$ ;  $c = 5$   
 $2 = \frac{d}{4}$ ;  $d = 8$   
 $16 = 8 \times e$ ;  $e = 2$   
 $f = 6 \times 2$ ;  $f = 12$   
 $9 \div g = 3$ ;  $g = 3$   
 $\frac{h}{2} = 5$ ;  $h = 10$   
 $12 \div 3 = k$ ;  $k = 4$ 

## On-Grade (Two-Step Equations)

Date

$$m + 2 = 24 \div 3$$
;  $m = 6$   
 $28 - 6c = 4$ ;  $c = 4$   
 $4p - 6 = 38$ ;  $p = 11$   
 $5 = \frac{d}{4}$ ;  $d = 20$   
 $49 = 2n - 3$ ;  $n = 26$   
 $4b = 72 \div 9$ ;  $b = 2$   
 $40 = 4t + 8$ ;  $t = 8$   
 $s \div 3 = 8$ ;  $s = 24$   
 $\frac{k}{5} - 6 = 1$ ;  $k = 35$ 

#### **Extension**

For example: t = 6;  $66 \div t = 11$  n = 24;  $n \div 4 = 6$  e = 10; 10e = 100 y = 8; 96 = 12y x = 36;  $18 = x \div 2$  r = 12; 3r = 42 - 6 v = 21;  $3 \times 7 = v$  p = 7;  $\frac{p}{7} = 1$ w = 9: 35 - 8 = 3w