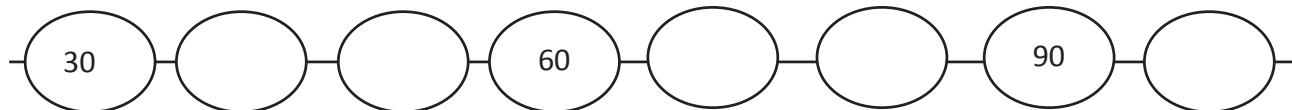Name _____ Date _____

1. a. Complete the pattern.

   b. Find the value of the unknown.

   $10 \times 2 = d$ $d = \underline{\ 20\ }$ $10 \times 6 = w$ $w = \underline{\hspace{1cm}}$

   $3 \times 10 = e$ $e = \underline{\hspace{1cm}}$ $10 \times 7 = n$ $n = \underline{\hspace{1cm}}$

   $f = 4 \times 10$ $f = \underline{\hspace{1cm}}$ $g = 8 \times 10$ $g = \underline{\hspace{1cm}}$

   $p = 5 \times 10$ $p = \underline{\hspace{1cm}}$

2. Each equation contains a letter representing the unknown. Find the value of the unknown.

$8 \div 2 = n$	$n = \underline{\hspace{1cm}}$
$3 \times a = 12$	$a = \underline{\hspace{1cm}}$
$p \times 8 = 40$	$p = \underline{\hspace{1cm}}$
$18 \div 6 = c$	$c = \underline{\hspace{1cm}}$
$d \times 4 = 24$	$d = \underline{\hspace{1cm}}$
$h \div 7 = 5$	$h = \underline{\hspace{1cm}}$
$6 \times 3 = f$	$f = \underline{\hspace{1cm}}$
$32 \div y = 4$	$y = \underline{\hspace{1cm}}$

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Lesson 3:   Multiply and divide with familiar facts using a letter to represent the unknown.

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3. Pedro buys 4 books at the fair for $7 each.

    a. What is the total amount Pedro spends on 4 books? Use the letter *b* to represent the total amount Pedro spends, and then solve the problem.

    b. Pedro hands the cashier 3 ten dollar bills. How much change will he receive? Write an equation to solve. Use the letter *c* to represent the unknown.

4. On field day, the first-grade dash is 25 meters long. The third-grade dash is twice the distance of the first-grade dash. How long is the third-grade dash? Use a letter to represent the unknown and solve.

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