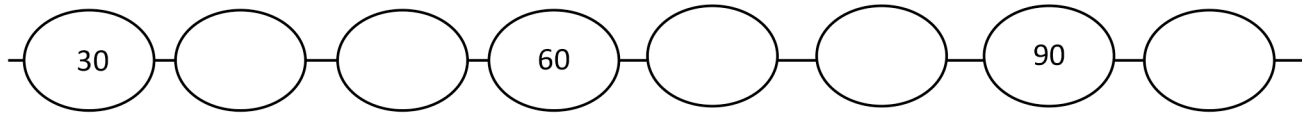


Name \_\_\_\_\_

Date \_\_\_\_\_

1. a. Complete the pattern.



b. Find the value of the unknown.

$10 \times 2 = d \quad d = \underline{20}$

$10 \times 6 = w \quad w = \underline{\quad}$

$3 \times 10 = e \quad e = \underline{\quad}$

$10 \times 7 = n \quad n = \underline{\quad}$

$f = 4 \times 10 \quad f = \underline{\quad}$

$g = 8 \times 10 \quad g = \underline{\quad}$

$p = 5 \times 10 \quad p = \underline{\quad}$

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

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

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

## Answer Key

- 40, 50, 70, 80, 100
  - $e = 30$ ;  $f = 40$ ;  $p = 50$ ;  $w = 60$ ;  $n = 70$ ;  $g = 80$
- $n = 4$ ;  $a = 4$ ;  $p = 5$ ;  $c = 3$ ;  $d = 6$ ;  $h = 35$ ;  $f = 18$ ;  $y = 8$
- $b = \$28$
  - $c = \$2$ ; answers will vary.
- 50 m; answers will vary.