

LESSON 4-2

Practice and Problem Solving: A/B

- $f(n) = 8 + 4(n - 1)$;
 $f(1) = 8, f(n) = f(n - 1) + 4$ for $n \geq 2$
- $f(n) = 11 - 4(n - 1)$;
 $f(1) = 11, f(n) = f(n - 1) - 4$ for $n \geq 2$
- $f(n) = -20 + 7(n - 1)$;
 $f(1) = -20,$
 $f(n) = f(n - 1) + 7$ for $n \geq 2$
- $f(n) = 2.7 + 1.6(n - 1)$;
 $f(1) = 2.7,$
 $f(n) = f(n - 1) + 1.6$ for $n \geq 2$
- $f(n) = 45 + 5(n - 1)$; $f(1) = 45, f(n)$
 $= f(n - 1) + 5$ for $n \geq 2$
- $f(n) = 94 - 7(n - 1)$; $f(1) = 94, f(n)$
 $= f(n - 1) - 7$ for $n \geq 2$
- $f(n) = 12 + 14(n - 1)$; $f(1) = 12, f(n)$
 $= f(n - 1) + 14$ for $n \geq 2$
- $f(n) = 83 - 40(n - 1)$; $f(1) = 83, f(n)$
 $= f(n - 1) - 40$ for $n \geq 2$
- 13, 19, 25, 31
- $f(n) = 100 + 50(n - 1)$

LESSON 4-3

Practice and Problem Solving: A/B

- 55, 110, 165, 220; 55
- \$1.20, \$2.40, \$3.60, \$4.80; \$1.20
- 90; 110; 130; 150; 170; 190; 210; 230; 250
- 20
- $f(n) = 30 + 20(n - 1)$
- The amount of money Riley spends through December for her pool cost.
- \$250