7-1 Exponential Functions and Logarithms

Warm Up

Evaluate.

1. $100(1.08)^{20}$

2. $100(0.95)^{25}$

3. $100(1 - 0.02)^{10}$

4. $100(1 + 0.08)^{-10}$

7-2 Inverses of Relations and Functions

Warm Up

Solve for y.

1. $x = 3y - 7$

2. $x = \dfrac{y + 5}{8}$

3. $x = 4 - y$

4. $x = y^2$

Holt Algebra 2

7-1 Exponential Functions and Logarithms

Warm Up

Evaluate.

1. $100(1.08)^{20}$ $\approx \mathbf{466.1}$

2. $100(0.95)^{25}$ $\approx \mathbf{27.74}$

3. $100(1 - 0.02)^{10}$ $\approx \mathbf{81.71}$

4. $100(1 + 0.08)^{-10}$ $\approx \mathbf{46.32}$

7-2 Inverses of Relations and Functions

Warm Up

Solve for y.

1. $x = 3y - 7$ $\boldsymbol{y = \dfrac{x + 7}{3}}$

2. $x = \dfrac{y + 5}{8}$ $\boldsymbol{y = 8x - 5}$

3. $x = 4 - y$ $\boldsymbol{y = 4 - x}$

4. $x = y^2$ $\boldsymbol{y = \pm\sqrt{x}}$

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