

“War” Cards - Sheet A

Evaluate each expression, solve each equation for x , or answer the question. Write your answer on the card. (Any rounding should be to the nearest tenth.) After you finish, cut out your cards.

<p>A - 1</p> $x = 2(4.3)^5$ <p>2,940.2</p>	<p>A - 2</p> $59 = 3.3^x$ <p>3.4</p>
<p>A - 3</p> <p>The population of a city is modeled by $P(t) = 375(1.012)^{t-1950}$. What is the population growth rate as a percentage?</p> <p>1.2</p>	<p>A - 4</p> $75 = 4(5.3)^x$ <p>1.8</p>
<p>A - 5</p> $\log_5(50)$ <p>2.4</p>	<p>A - 6</p> $4^{3.1}$ <p>73.5</p>
<p>A - 7</p> $6^x = 15$ <p>1.5</p>	<p>A - 8</p> 2^5 <p>32</p>

“War” Cards - Sheet B

Evaluate each expression, solve each equation for x , or answer the question. Write your answer on the card. (Any rounding should be to the nearest tenth.) After you finish, cut out your cards.

<p>B - 1</p> $x = 3(3.5)^4$ <p>450.2</p>	<p>B - 2</p> $61 = 4.5^x$ <p>2.7</p>
<p>B - 3</p> <p>The population of a city is modeled by $P(t) = 357(1.012)^{t-1950}$. What is the population growth rate as a percentage?</p> <p>2.1</p>	<p>B - 4</p> $75 = 5(4.4)^x$ <p>1.8</p>
<p>B - 5</p> $\log_3(65)$ <p>2.6</p>	<p>B - 6</p> $4^{2.9}$ <p>55.7</p>
<p>B - 7</p> $6^x = 30$ <p>1.9</p>	<p>B - 8</p> 2^4 <p>16</p>