

Introduction to Growth and Decay Factors

<p>1. $Y = 2(.5)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>2. $Y = 5(1.23)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>3. $Y = 30(.87)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>4. $Y = 2(1/4)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____
<p>5. $Y = 20(1.75)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>6. $Y = .45(1.46)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>7. $Y = .5(.38)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>8. $Y = 37(.42)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____
<p>9. $Y = 800(.2)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>10. $Y = (.06)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>11. $Y = (1.55)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>12. $Y = 2(2.5)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____
<p>13. $Y = 45(2/5)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>14. $Y = 25(3.6)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>15. $Y = (1.09)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____ 	<p>16. $Y = 8(3/2)^x$</p> <ul style="list-style-type: none"> Does this equation model growth or decay? What is the growth/decay factor? _____ What is the growth/decay rate as a %? _____