

39. How long will it take for a \$3600 investment compounded continuously at 3.7% to increase to \$5200?

9.94

40. How long will it take for a \$1500 investment compounded continuously at 2.4% to double?

45.78

41. How much money will you receive on your 18th birthday if your parents invested \$500 at 3.6% compounded continuously the day you were born?

\$955.86

42. How much money will you have in 5 years if you invested \$850 at 1.8% compounded continuously?

930.05

43. What interest rate do you need so that a \$3500 investment compounded continuously will increase to \$8000 in 9 years?

9.18%

44. What interest rate do you need so that a \$6200 investment compounded continuously will double in 20 years?

3.45%