

James saved \$6000 and invested it with a financial company at a fixed interest rate of 5.1% compounded annually. Melissa after discussing the situation with her father decided to invest with a more conservative, company with a reliable reputation. She invested her savings of \$7000 at a fixed interest rate of 4.1% compounded annually. Suppose they each leave their money invested at these fixed interest rates for an indefinite number of years and do not withdraw or deposit any money over this time.

- Investigate their respective balances after:
 - 1 year
 - 5 years?
 - 10 years
 - 20 years
 - 30 years
 - 50 years
- Show this information graphically with both investments on the same diagram. Write a sentence or two about what the graph shows.
- Write a report of your findings and include any advice you might want to give the investors.