ZiloAcademy

✨ Grade 10 Maths — Financial Mathematics ✨

Name: Demo **Date:** 26/11/2026

1. $24000 is invested at 2% p.a. compound interest, compounded annually, for 5 years. What is the final amount? (dollars, 2 decimal places)

2. $12000 is invested at 3% p.a. simple interest for 6 years. How much interest is earned? (dollars)

3. $19000 is invested at 4% p.a. compound interest, compounded annually, for 4 years. What is the final amount? (dollars, 2 decimal places)

4. $12000 is invested at 5% p.a. compound interest, compounded annually, for 3 years. What is the final amount? (dollars, 2 decimal places)

5. A $43000 machine depreciates by 20% p.a. (reducing balance). What is it worth after 3 years? (dollars, 2 decimal places)

6. $23000 is invested at 4% p.a. compound interest, compounded annually, for 5 years. What is the final amount? (dollars, 2 decimal places)

7. A $45000 machine depreciates by 20% p.a. (reducing balance). What is it worth after 4 years? (dollars, 2 decimal places)

8. $17000 is invested at 3% p.a. compound interest, compounded annually, for 2 years. What is the final amount? (dollars, 2 decimal places)

9. $4000 is invested at 5% p.a. simple interest for 2 years. How much interest is earned? (dollars)

10. $15000 is invested at 2% p.a. compound interest, compounded annually, for 3 years. What is the final amount? (dollars, 2 decimal places)