

Simple Interest Problems

1. Parker Jones invested \$7,625, part at 8% annual interest and the rest at 6.5% annual interest. in the same amount of time, he earned three times as much interest from the 6.5% investment as he did from the 8% investment. How much money did he have invested at 6.5%?

Accounts	p	r	t	I
Total				

2. Michelle Walker invested \$10, 000 for one year, part at 8% annual interest and the rest at 12% annual interest. Her total interest for the year was \$944. How much money did she invest at each rate?

Accounts	p	r	t	I
Total				

3. Steve Vaughn invested \$7200 for one year, part at 10% annual interest and the rest at 14% annual interest. His total interest for the year was \$960. How much money did he invest at each rate?

Accounts	p	r	t	I
Total				

4. Fred Flintrock invested \$5000 for one year, part at 9% annual interest and the rest at 12% annual interest. The interest from the investment at 9% was \$198 more than the interest from the investment at 12%. How much money did he invest at 9%?

Accounts	p	r	t	I
Total				

5. Angela Reese wants to invest \$8500, part at 14% annual interest and part at 12% annual interest. If she wants to earn the same amount of interest from each investment, how much should she invest at 14%? (Round the answer to the nearest cent.)

Accounts	p	r	t	I
Total				

6. In one year, Abbie Lionheart earned the same amount of interest from an investment at 8% annual interest as an investment at 12% annual interest. She had invested \$1500 more at 8%. How much money did she have invested at 12%?

Accounts	p	r	t	I
Total				

7. Mike and Amanda Johnson have \$8000 to invest. They want to earn \$850 interest for the year. Their money can be invested at annual interest rates of 10% or 11%. What is the minimum amount at 11%, with then rest at 10%, that will earn them \$850 in interest?

Accounts	p	r	t	I
Total				

8. Carlos and Amelia Hawk have invested \$2500 at 10% annual interest. They have \$6000 more to invest. At what rate must they invest the \$6000 to have \$9400 at the end of the year?

Accounts	p	r	t	I
Total				

9. Ken Folgers invested \$9450 part at 8% annual interest and the rest at 11% annual interest. He earned twice as much interest at 11% as he did at 8%. How much money did he have invested at 11%?

Accounts	p	r	t	I
Total				

10. Paul York is investing \$6000 in two accounts, part at 4.5% and the remainder at 6%. If the total annual interest earned from the two accounts is \$279, how much did Paul deposit at each rate?

Accounts	p	r	t	I
Total				

11. Edward Longwell invested \$33,600, part at 5% interest and the remainder at 8% interest. If he earned twice as much from his 5% investment as his 8% investment, how much did he invest at each rate?

Accounts	p	r	t	I
Total				

12. A stockbroker has invested part of \$25,000 at 10.5% interest and the rest at $12\frac{1}{4}\%$ interest. If the annual income earned from these investments is \$2,843.75, find the amount invested at each rate.

Accounts	p	r	t	I
Total				

13. Two investments earn a total annual income of \$1069. One investment is in a 7.2% annual interest account and the other is in a 9.8% simple interest CD. The total amount invested is \$12,500. How much is invested at each account?

Accounts	p	r	t	I
Total				

14. An investment Club invested \$5000 at an annual interest rate of 8.4%. How much additional money must be invested at an annual interest rate of 10.5% so that the interest earned for the year will be 9% of the total invested amount?

Accounts	p	r	t	I
Total				

15. An investment of \$4500 is made at 7.8%. How much additional money must be invested at an 11% rate so that the total interest earned is equal to 9.5% of the total amount invested?

Accounts	p	r	t	I
Total				

16. An account executive deposited \$42,000 in two accounts. One paid 7% annual interest while the other paid 9.8%. How much should be invested in each if the interest earned from each account is suppose to be the same.

Accounts	p	r	t	I
Total				

17. An investment club had \$12,000 in two accounts. one investment earned 12.6% annual interest while the other ended up with a loss of 5%. The total earnings for the year was \$104. Find out how much was invested in each account.

Accounts	p	r	t	I
Total				

18. A total of \$18,000 was invested in two accounts. One investment earned 11.2% annual interest while the other lost 4.7%. The total earnings for the year were \$1062. Find how much was invested in each account.

Accounts	p	r	t	I
Total				

19. A financial manager recommended an investment plan which 30% of a clients investment be placed in a 7.5% annual simple interest account, 45% be placed in 9% high grade bonds, and the remainder in an 11.5% high risk investment. The total interest earned after one year was \$2293.75. How much was invested in each account?

Accounts	p	r	t	I
Total				

20. The manager of a trust account invests 25% in the money market that earns 8% annual interest, 40% in bonds that earn 10.5% annually, and the remainder in trust deeds that earn 13% annually. How much should be invested in each so that after one year \$4300 has been earned.

Accounts	p	r	t	I
Total				