Worksheet Kids
Sharing knowledge

Systems of Equations Word Problems

6. The chess club sold t-shirts for $10 each and hats for $7 each to raise funds. They sold a total of 40 items and collected $325. How many t-shirts and how many hats did they sell?

7. Store A sells apples for $2 per pound and bananas for $1 per pound. Store B sells apples for $1.50 per pound and bananas for $1.25 per pound. If you buy 3 pounds of apples and 2 pounds of bananas, which store is cheaper and by how much?

8. Ben worked a total of 15 hours last week at two jobs. He earns $10 per hour at the library and $12 per hour babysitting. If he earned a total of $164, how many hours did he work at each job?

9. Chloe wants to buy books and candles as gifts. Books cost $12 each and candles cost $8 each. She wants to buy a total of 5 gifts and spend exactly $52. How many books and how many candles should she buy?

10. A group of 10 friends went out for pizza. Some ordered a personal pizza for $9 and others ordered a pasta dish for $12. The total bill was $102. How many friends ordered pizza and how many ordered pasta?