

M10 - 9.6 - Let Systems of Equations Notes

Max is 3 years younger than Nick, Write Let Statements and an Equation based on this information.

Matt is 5 years older than triple Neil's age, Write Let Statements and an Equation based on this information.

A person has 24 Total coins in Dimes and Quarters, Write Let Statements and an Equation based on this information.

A person has 16 Total coins in Nickles and Pennies, Write Let Statements and an Equation based on this information.

A person has Dimes and Quarters worth \$4.50, How many Dimes and Quarters do they have?

A person has Quarters are worth \$0.25, Dimes are worth \$0.10. How much money does this person have?

The Cost of a truck is \$250 per month plus \$0.2 per kilometer.

An Bird swops down at 5 meters per second from a height of 2000 meters.

M10 - 9.6 - Solve Systems of Equations Notes

Mark is 7 years older than Will. The sum of their ages is 15. Find their ages.

Tim is twice as old as Lisa. The difference of their ages is 15. How old are they?

Sally is twice as old as Nema, the sum of their ages is 12. How old are they?

A girl is three years more than twice the age of her brother. The sum of their ages is 27. How old are they?

Chase is five years more than three times Maria's age. The sum of their ages is 53. How old are they?

A person has 16 total coins of Dimes and Loonies worth \$8.80, How many Dimes and Loonies do they have?

A person has 22 total coins of Quarters and Dimes worth \$5.20, How many Quarters and Dimes do they have?

M10 - 9.6 - Solve Systems of Equations Notes

Mario is 8 years younger than Nick. The sum of their ages is 29. Find their ages.

Tom is three times as old as Bert. The difference of their ages is 12. How old are they?

Jordan is twice as old as Bobby, the sum of their ages is 15. How old are they?

A girl is four years less than twice the age of her brother. The sum of their ages is 28. How old are they?

Chad is nine years more than three times Maria's age. The sum of their ages is 49. How old are they?

A person has 18 total coins of Nickels and Toonies worth \$24.30, How many Nickels and Toonies do they have?

A person has 28 total coins of Quarters and Dimes worth \$6.10, How many Quarters and Dimes do they have?

M10 - 9.6 - Plane w/ Wind

A plane travels 780 km in 4 hours with a headwind. It takes 3 hours to return with a tailwind. What is the wind speed?

M10 - 9.6 - Boat w/ Current

A boat took 3 hrs to travel 24 km with a current and 5 hrs to return. What is the speed of the boat in still water?