

Sarah is saving money to buy a new horse, which cost \$500. She already has \$50 dollars saved. She earns \$25 per week working at the Stables and wonders how many weeks it will take to earn enough for a horse of her own.

a.) Make a table showing the week number, w , and total savings, in dollars, S , in Sarah's Savings account.

b.) Create an expression to show the relationship between the number of weeks and Sarah's Savings.

c.) How many weeks will Sarah have to work to earn enough to buy a horse?