



NAME _____

DATE _____

PROBLEM SOLVING QUESTIONS

Understand the following given data and then solve the problems.

Example:

Sarah won a prize at school! Her teacher said that she would have two choice for the prize.

Choice 1: Get \$ 3 a day for the next 3 days.

Choice 2: Get \$ 2 a day for the next 5 days.

a) Draw an array for each choice.

Solution:

Choice 1	Choice 2
$\$ 1 \quad \$ 1 \quad \$ 1$	$\$ 1 \quad \$ 1$
$\$ 1 \quad \$ 1 \quad \$ 1$	$\$ 1 \quad \$ 1$
$\$ 1 \quad \$ 1 \quad \$ 1$	$\$ 1 \quad \$ 1$
	$\$ 1 \quad \$ 1$

b) Which way would Sarah get more money? Explain how you know.

Answer: From choice 2.

Explanation: Choice 1: 3 rows 3 = 3 + 3 + 3 = 9.

Choice 2: 5 rows of 2 = 2 + 2 + 2 + 2 + 2 = 10