

2.MD Pet Shop

Alignments to Content Standards: 2.MD.C.8

Task

Materials

- Coins and dollar bills
- Problem with table of costs displayed

Stuffed Animals at the Pet Shop	Cost for each animal
Dog	2 pennies, 3 nickels, and 1 quarter
Snake	6 pennies, 2 nickels, and 2 dimes
Bird	5 nickels, 3 dimes, and 1 quarter
Cat	5 pennies, 5 nickels, 5 dimes, and 1 quarter
Rabbit	7 pennies, 3 nickels, 2 dimes, and 3 quarters
Frog	5 pennies, 5 dimes, 5 quarters
Monkey	3 pennies, 3 nickels, 3 quarters

- How much money would you spend if you purchased one of each animal at the pet shop?
- If you have \$3 to spend at the pet shop, what animals would you buy?
- What two animals could you buy if you have \$2 to spend? How much change will you get back?

- d. How much money would you spend if you purchased the dog, snake, and the bird?
- e. Make up a problem for your partner to solve.

IM Commentary

The purpose of the task is to use the given prices of stuffed animals at the “pet shop” to solve problems using money. The students need to use their coins or bills to help them solve each problem. They will need to discuss their strategies in solving each problem with a partner and also write the solutions on their paper or journal. The teacher can have each student do all the problems listed and share with a partner to compare their answers or assign a problem to specific students to work and then share with the rest of the class. (All students need to determine the cost of each stuffed animal at the pet shop before answering any of the other questions.)

This task is intended to be a whole class teacher led activity which gives students multiple opportunities for talking with a partner and/or classmates. This is not intended to be an independent activity that student compete quietly on their own.

Some problems are two step problems so that can be a little more difficult for students to solve.

[Edit this solution](#)

Solution

a. Dog 42¢

Snake 36¢

Bird 80¢

Cat \$1 and 05¢

Rabbit \$1 and 17¢

Frog \$1 and 80¢

Monkey 93¢

b. Solutions will vary based on the animals the students choose to purchase. The students need to be able to justify their answers and explain the choices that they make.

c. Solutions will vary based on the animals the students choose to purchase. The students need to be able to justify their answers and explain the choices that they make.

d. \$1 and 58¢

e. Solutions will vary, the students need to be able to explain the choices that they make.



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