

Name: \_\_\_\_\_

You are having a fundraiser in your gym from 2-3.

- A donor is donating \$10 to each person who participates.
- Also, each person can earn \$2 for every free throw they make.

1. Fill in the table to show how much money Ms. D could earn. In the last row, choose how many free throws you think Ms. D could make.

Number of Free Throws Made	Money Earned
If Ms. D makes 0 free throws...	She will earn \$_____
If Ms. D makes 1 free throw...	She will earn \$_____
If Ms. D makes 2 free throws...	She will earn \$_____
If Ms. D makes 10 free throws...	She will earn \$_____
12	\$_____
25	\$_____
_____	\$_____

How can you figure out how much money Ms. D can earn for any number of free throws?

2. Here are the total earnings for five different people. How many free throws did each person make?

Number of Free Throws Made	Money Earned
	\$30
	\$20
	\$100

3. Suppose Ms. Easton writes the equation  $M = 10 + 2f$ .
  - a. What does  $M$  represent in this equation?
  
  
  
  
  
  
  
  
  
  
  - b. What does  $f$  represent in this equation?
  
4. Suppose Ms. Easton writes the equation  $44 = 10 + 2f$ .
  - a. What question is Ms. Easton trying to ask with that equation?
  
  
  
  
  
  
  
  
  
  
  - b. What is the answer to Ms. Easton's question?
  
5. Is it possible for someone to earn exactly \$75? Why or why not?
  
  
  
  
  
  
  
  
  
  
6. What do you think is the most money a good free throw shooter could earn in one hour?