

# MeTEOR Performance Task

## Fourth Grade

Mathematics  
Gift Giving

## ***Performance Task Item: Gift Giving***

### ***Task/Question 1:***

While looking at the calendar you noticed your mom, brother and best friend have birthdays coming up soon. You would love to buy each one of them a birthday gift. Your mom wants one of those fancy coffee machines to start her day off right, your brother wants an Xbox game and your best friend wants a selfie stick. How quickly can you determine if you can purchase these three items with the money you have collected?

You have saved \$276.00 from mowing lawns and also have a jar with 456 coins.

- A.** If the coins in your jar were all pennies, what would be the total value of your coins?
  
- B.** If the coins in your jar were all dimes, what would be the total value of your coins?
  
- C.** What do you notice about the value of your coins from pennies to dimes?
  
- D.** Imagine that your coins were dollar bills instead of coins, what would be the total value of bills in your jar?
  
- E.** What if they were ten dollar bills, what would the total value be?
  
- F.** Provide an answer and explain the pattern you noticed about the value in pictures, words or numbers.



**Task/Question 3:**

- A.** After looking on Amazon and searching sale ads from local stores you discover the fancy coffee machine you want to buy your mother is on sale for \$119.99, your brother's Xbox game is \$49.99 and your best friend's selfie stick is on sale for \$15.75.

Do you have enough money to buy all three gifts? Show your work.

- B.** Sales tax on each item you purchased will be 8.5%. What is the total sales tax for all three items?

What is the total cost, including sales tax, for you to purchase the three gifts? Use a calculator to calculate the total.

- C.** Based on the total cost of the gifts, including sales tax, do you have enough money left over to buy yourself an Xbox game? Explain your answer.

**Task/Question 4:**

- A.** You decide you need to develop a plan to earn more money since you have spent a large amount of your savings on gifts. If you mow a small yard for \$20.00 and a large yard for \$37.00, how many lawns will you need to mow to earn **about** \$250.00?
- B.** How would your scenario change if you need to earn the money back in half the time?
- C.** With your triangle group, discuss your mathematical thinking to earn more money. What patterns did you see, what tools and strategies did you use to solve the problem? Be prepared to share with the class your plan to earn more money mowing lawns.

**My plan to earn more money:**



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