



# A Family Pet

Your parents are considering getting a family pet and have asked you to research the costs involved.

## Requirements:

1. Select one type of cat and one type of dog. Research the cost to purchase each animal from a pet store or animal shelter.
2. Research the costs for supplies for each animal (e.g. food, toys, sleeping place etc.). You can visit a pet store or use grocery store catalogues to find the cost of dog and cat food.
3. Make a four column table to show the costs for supplies for each animal over a) a one month period, b) a one year period, c) a ten year period. Since some items will only need to be purchased once (e.g. a cat basket) you will only need to calculate those costs once. No entry needs to be made per month, or per year, for items you only need to purchase once.

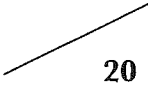
Item	One month	One Year	10 Years
Cat Basket			\$75.00

4. Find the sum of all items in the 10 Years column for each pet. (So, two tables)  
Explain how you determined the costs and show all your calculations.  
What math functions did you use?  $+$ ,  $-$ ,  $\times$ ,  $\div$
5. Based on your data write a recommendation for your parents. Explain which type of pet you think your family should purchase and why.
6. Think of a creative way to present your project!

Project Due Date: \_\_\_\_\_

## IN-CLASS MATH ASSIGNMENT #2

Assignment choice: A Family Pet

CATEGORY	DESCRIPTION	POINTS EARNED	MY CHECKLIST
<b>CREATIVITY &amp; APPEARANCE</b>	Project is presented reflecting creativity, originality and thought.		
<b>SHOW YOUR WORK</b>	Students show all calculations used and that they are completed accurately.		
<b>EXPLANATION AND RECOMMENDATION</b>	Explanation and recommendation are presented very clearly and based on data they collected.		
<b>MECHANICS</b>	Written part should be 1-2 paragraphs long. Proper spelling and grammar is used. Information is organized		
20 Exceeded Expectations	15 Met Expectations	10 Mostly met Expectations	4 Somewhat met Expectations
<b>TOTAL</b>		 20	
<b>OVERALL COMMENTS:</b>			

(put a checkmark on the line beside each step when you have completed the step)

**STEP ONE:** Choose one cat and one type of dog \_\_\_\_\_

**STEP TWO:** Use the internet and flyers provided to research the purchase cost of your animals \_\_\_\_\_

**STEP THREE:** Research supply costs for each animal \_\_\_\_\_

**STEP FOUR:** Make two tables with four columns for each animal ( item/one month/one year/ 10 year)s \_\_\_\_\_

**STEP FIVE:** Add up the 10 year column for each pet \_\_\_\_\_

**STEP SIX:** Explain what math functions you used to determine your costs and show all calculations \_\_\_\_\_

**STEP SEVEN:** Write 1-2 paragraphs on which animal would you choose and why? \_\_\_\_\_