

GETTING A NEW PET

REAL LIFE MATH



THANK YOU FOR RESPECTING MY WORK!

Heather Jo Whetham-Fergen © HoJo's Teaching Adventures, LLC

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CREDITS:



Real Life Math by HoJo

The Inspiration Behind This Product Line

In the fall of 2018, my husband and I took our young kids to a pumpkin patch. I made the offhand remark to him that I was excited to hand each child a set amount of money when they get older to let them pick out how we will decorate our front stoop for the season.

A few weeks later, I ran across yet another article blaming teachers for the lack of financial literacy in the U.S. After all, we wouldn't have the trillion dollar student loan debt if it weren't for teachers. They clearly are not teaching kids enough about money during their 13+ years in formal education. (Insert eye roll here.)

I started complaining about the article to my husband. In true Andrew fashion, he said something like, "Rather than complain about it, what can you do about it?" At first that upset me, but I quickly realized he was right.

I thought back to that day where I had the idea while at the pumpkin patch. I knew I was on to something!

Hence, the **Real Life Math resource line in my store** was born! I want kids to really think about money. Students who complete my Real Life Math downloads will be doing real life math (obviously!), some project based learning, and they will also get a dose of financial literacy along the way.

Various Real Life Math downloads will be added to my store as I create them. If there is a specific download you would like to see, please feel free to reach out and let me know at info@heatherfergen.com

Thank you for your interest!
~Heather aka HoJo~



Getting a New Pet

Table of Contents

There are NOT page numbers on each individual worksheet of this download. You will be able to pick and choose which sheets you use to best fit the needs of your students, so I did not want to confuse them when the page numbers could vary a great deal, depending on which pages you copy for them.

Page 6 – How to Use This Download

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Getting a New Pet Table of Contents with CCSS

Please know this resource is NOT intended to fully teach any standard. Rather, this resource will help cover the standards below.

Depending on the pages you choose to print and the expectations you set forth within your assignment, you may actually cover more standards than those listed below. Again, this download is very open ended and can be used in whatever way you choose.

- 2.OA
- 2.NBT
- 2.MD

- 3.OA
- 3.NBT
- 3.NF

- 4.OA
- 4.NBT
- 4.NF

- 5.OA
- 5.NBT
- 5.NF
- 5.G

- 6.NS

Getting a New Pet

How to Use This Download

This download is perfect for your students to work on real life math, project based learning, and financial literacy – all at the same time!

You will want to look through the entire resource before printing any pages. Based on the math needs of your students, you can choose to print out specific pages for an entire class or specific pages for each student's individual needs, or you can open the editable file and make the sheets work exactly the way you want them to.

Some use the financial literacy questions as a whole group discussion and then send them home for further discussion, rather than assigning them. You have to determine the needs of your students.

Due to the various numbers in this download, **an answer key and rubric are NOT included.** This is a very open-ended resource.

This download can be great as a math project-based learning activity at any point during the school year. But, if you are looking for an **engaging activity** to do before a break or after state testing, then this download would be perfect.

I recommend **meeting with students** as they are working through the sheets. This way you can grade on the go, teach additional strategies, give tips, extend the learning for those who need it, and more.

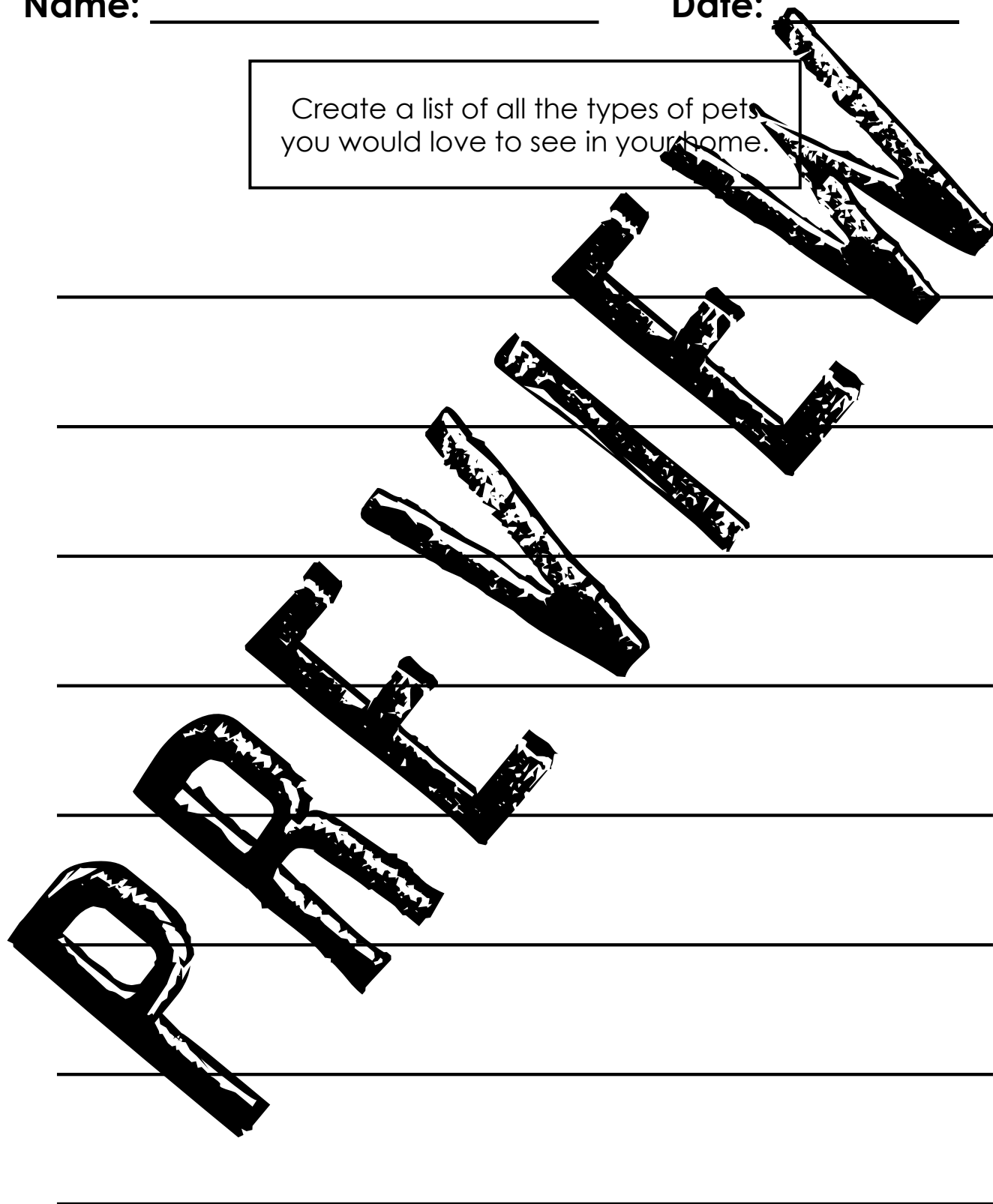
Best of luck with this resource! I appreciate your purchase.
~Heather aka HoJo~

New Pet Brainstorm Sheet

Name: _____

Date: _____

Create a list of all the types of pets
you would love to see in your home.

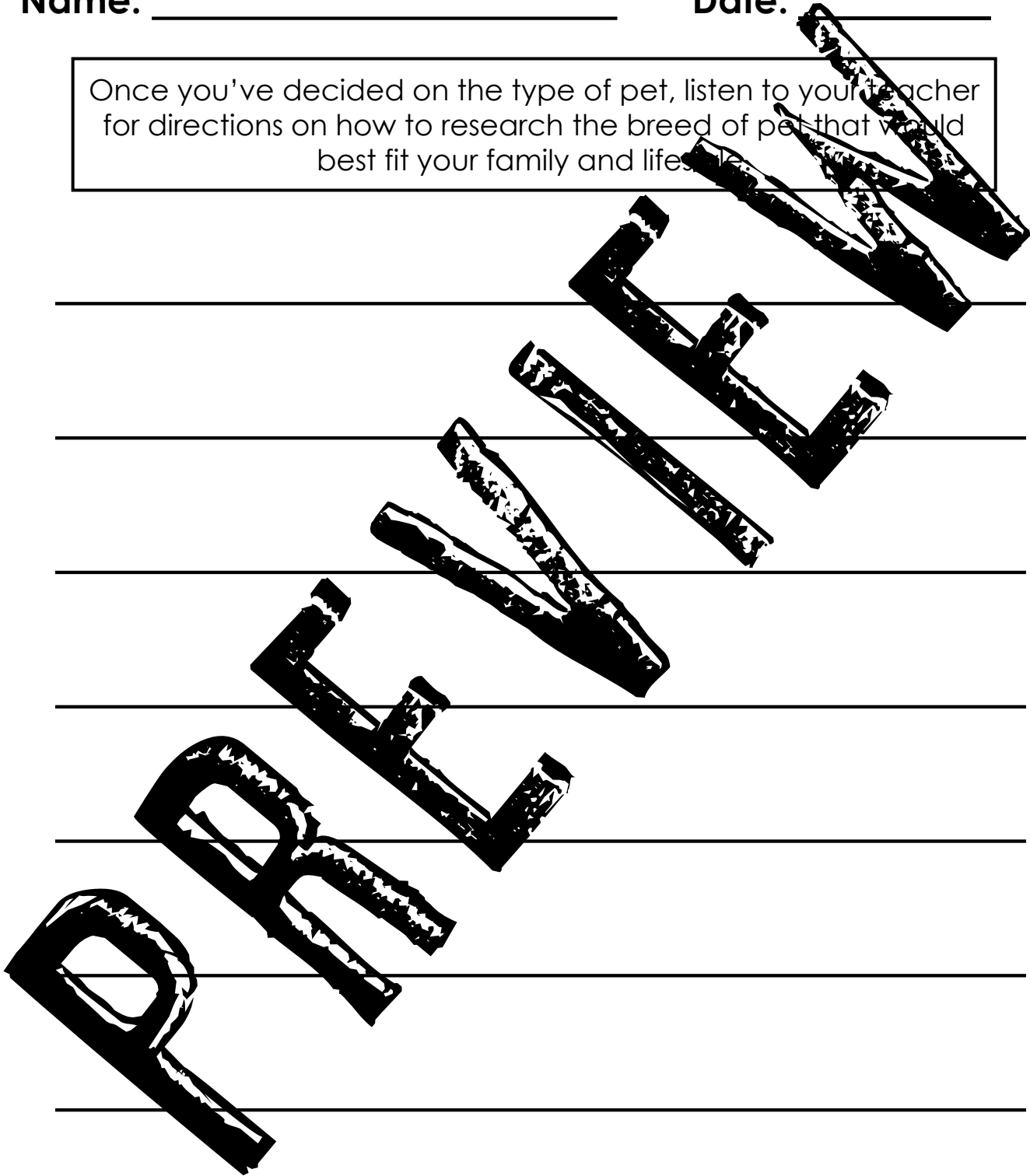


Pet Brainstorm Sheet

Name: _____

Date: _____

Once you've decided on the type of pet, listen to your teacher for directions on how to research the breed of pet that would best fit your family and lifestyle.



Pet Supplies Brainstorm Sheet

Name: _____

Date: _____

Create a list of all supplies your new pet would need

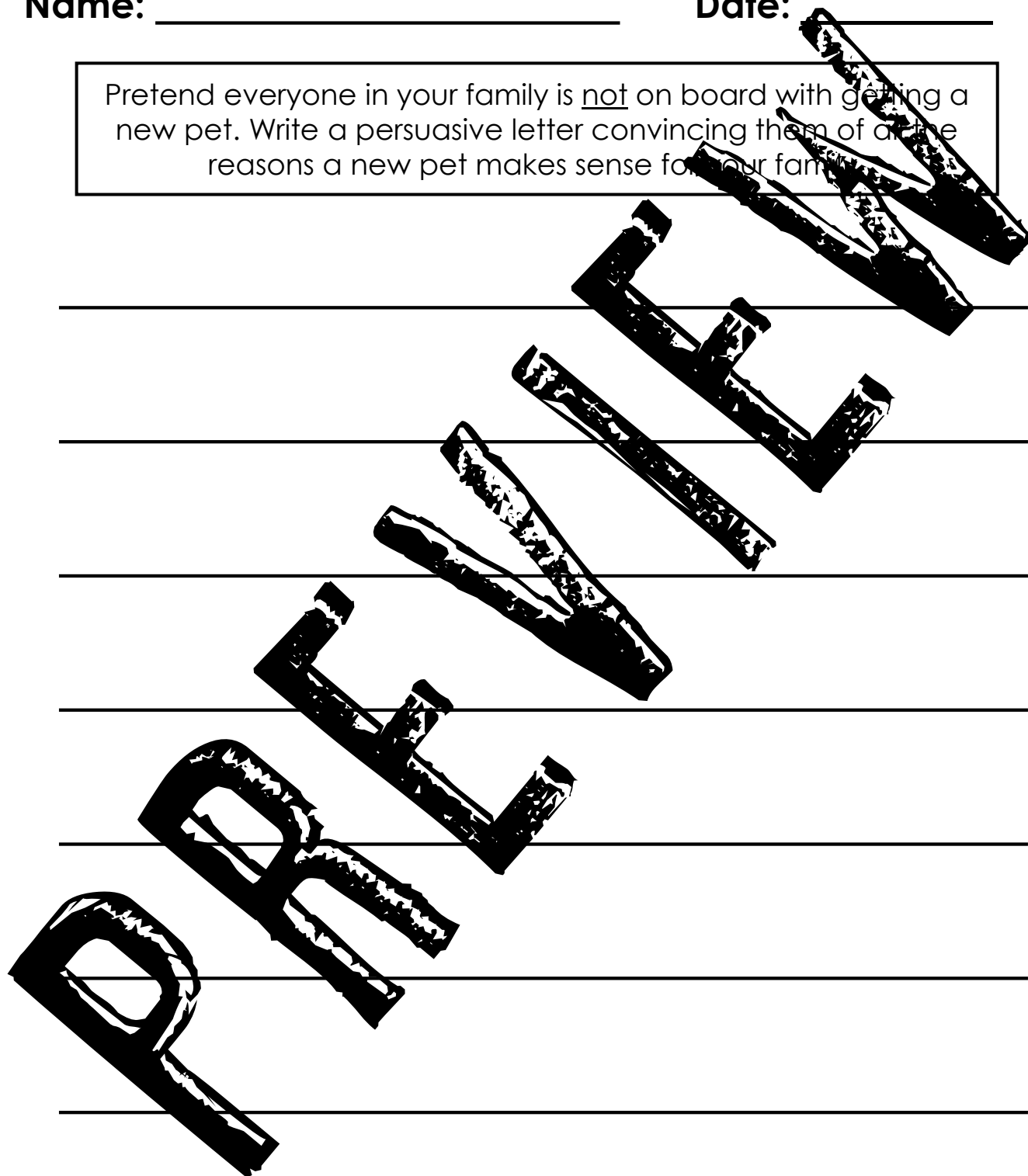
PREPARE

New Pet Persuasion Letter

Name: _____

Date: _____

Pretend everyone in your family is not on board with getting a new pet. Write a persuasive letter convincing them of all the reasons a new pet makes sense for our family.



Shop or Adopt?

Name: _____

Date: _____

Now that you've decided what type of pet and the breed that would best fit your family, consider whether you will shop for a new pet from a breeder or adopt from a shelter.

Reasons to Shop

Reasons to Adopt

It would be best for my family to (circle one) shop or adopt.

Getting a New Pet \$50 Planning Sheet

Name: _____

Date: _____

Your new pet budget is \$50. This is your total budget for the pet, food for one month, and all of your pet's immediate toy, housing, vet, and bedding costs. Draw a picture of yourself with your new pet and all of his or her new supplies.

**\$50, \$100, \$250, \$500,
\$1000, \$2500, and \$5000
sheets also available –
plus you get an editable
option**

Pet Question Sheets – ALL with editable options!

Daily Time with Pet Planning Sheet

Name: _____ Date: _____

The pet I have decided to get is: _____

Based on the animal you have chosen, determine how much time you need to spend with your pet each day. Consider if your animal needs time being groomed, going for walks, playing, and whatever else may be appropriate.

Based on the needs listed above, when will you spend time with your pet? Think about what works best for your schedule – before school? After school? What about weekends? Explain below.

Daily Time with Pet Planning Sheet

Name: _____ Date: _____

The pet I have decided to get is: _____

Based on the animal you have chosen, create a schedule below for what a typical weekend day will look like.

Pet's Space Drawing

Name: _____ Date: _____

The pet I have decided to get is: _____

Based on the animal you have chosen, create a drawing of what their crate, kennel, cage, or play area will look like below. Please label all areas so it is clear what you are including.

Daily Time with Pet Planning Sheet

Name: _____ Date: _____

The pet I have decided to get is: _____

Based on the animal you have chosen, create a schedule below for what a typical day will look like.

Pet Questions

Name: _____ Date: _____

Write down your initial pet costs for the following items. Then add them up to get your total.

$$\begin{array}{ccccccc} \boxed{} & + & \boxed{} & + & \boxed{} & + & \boxed{} \\ \text{pet} & & \text{one month} & & \text{one month of} & & \text{initial} \\ & & \text{of food} & & \text{toys and/or} & & \text{veterinary} \\ & & & & \text{treats} & & \text{visit} \end{array}$$

Now that you know the cost of your pet food, calculate what your pet will cost for a year – multiply your actual pet.

$$\begin{array}{ccccccc} \boxed{} & + & \boxed{} & + & \boxed{} & = & \\ \text{12 months} & & \text{12 months of} & & \text{Annual vet} \\ \text{of food} & & \text{toys and/or} & & \text{exam and} \\ & & \text{treats} & & \text{medical} \\ & & & & \text{needs} \end{array}$$

Explain how you calculated the cost of a year versus the cost of one month.

Pet Food Questions

Name: _____ Date: _____

You want to save 1/2 a bag of food for the local animal shelter to give them once per quarter, or four times a year. How many total bags of animal food will you donate in a year?

Based on the research you have done, how many pounds of food will you donate in a year? How much will this cost you?

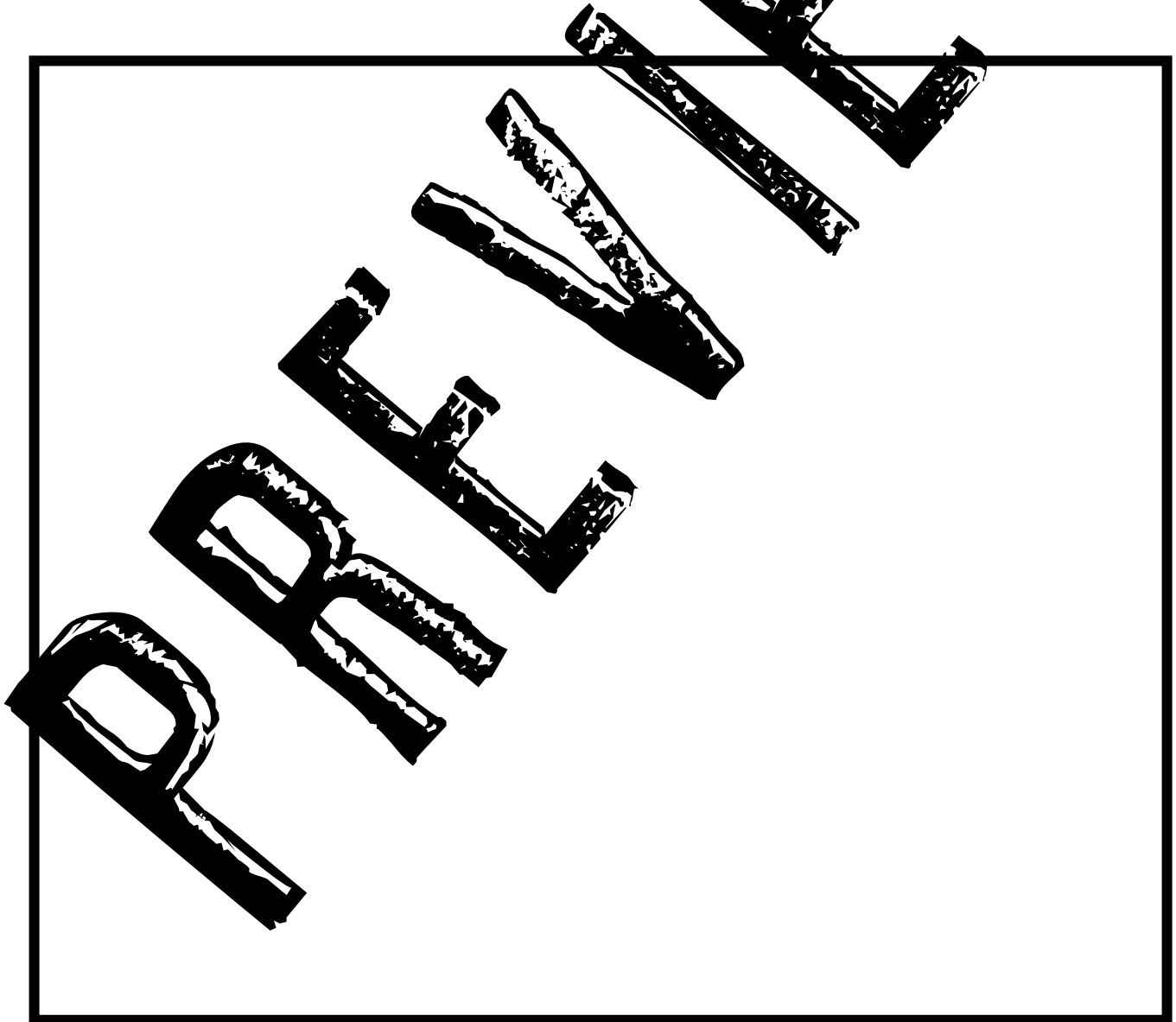
Sharing Pet Space

Name: _____

Date: _____

A family friend wants you to watch her pet for a week. Since it's the same pet you have and both animals get along, you'll be able to have the animals share space.

Pretend the quadrilateral below is your animal's typical sleeping quarters. Use a protractor to split the space so the animals can each have their own area.



Pet Cost Sheets – ALL with editable options!

Initial Pet Costs

Name: _____ Date: _____

What pet did you decide to get? _____

Write down the initial costs of getting this pet – food, actual pet cost, initial vet checkup, toys, and a month of food. Label all your work and show the total cost in the space below.

More Pet Food Costs

Name: _____ Date: _____

Based on your research, how much does a bag of pet food cost for your pet?

If one bag of pet food lasts 30 days, how much are you spending per day to feed your pet?

The pet store is running a sale. If your typical bag of pet food is 40% off, what will it cost you?

Planning a Trip with a Pet

Name: _____ Date: _____

Pretend you are planning a trip. Decide whether you will take your pet, how much extra that may cost, or what the costs will be to leave your pet somewhere safe.

Write down the costs in this box. Please label all your work so it is clear what each item costs (example – extra cost of pet in hotel = \$20). Then add up the total additional costs for your trip now that you have a pet. Make sure to write down how many nights you will be gone!

buy two, get one free
If that food end up
per day?

Pet Questions

Name: _____ Date: _____

Jasper has a 15 pound dog that eats about one cup of food each day. If that ratio is true for all dogs, determine the following –

- How many cups of food will a 20 pound dog eat?
- How many cups of food will a 30 pound dog eat?
- How many cups of food will a 40 pound dog eat?
- How many cups of food will a 100 pound dog eat?

Xavier trained his cat to go on walks. They can do one mile in about 20 minutes. Based on this, determine the following –

- How many miles can they go in 45 minutes?
- How many miles can they go in 60 minutes?
- How many miles can they go in 100 minutes?

More Pet Questions

Name: _____ Date: _____

Pretend you take your pet on a trip to visit family. You normally feed $\frac{1}{2}$ cup of food two times a day. Now you are staying three days instead of the original two that you packed for and you can't get to a store. How much food should your pet get so it lasts the three days? Make sure to explain your answer and label your work.

Many breeders weigh their animals the day of birth and each day until they go home.

One pup is four ounces more than average, another is -1 ounce, a third is right on, another is +3 ounces, and the last pup is -2 ounces than average.

Is this litter more or less than average? _____

Conversion & Coordinate Plane Sheets – ALL with editable options!

Pet Conversions

Name: _____ Date: _____

Tania bought a puppy and got her a six yard playpen. How many feet is this playpen? _____

How many inches is the playpen? _____

Jalen got a guinea pig from the animal shelter. He also got a used playground for him. It measures 20 cm high and has eight panels that are each 30 cm long.

How long is the playpen in cm? _____

How long is the playpen in meters? _____

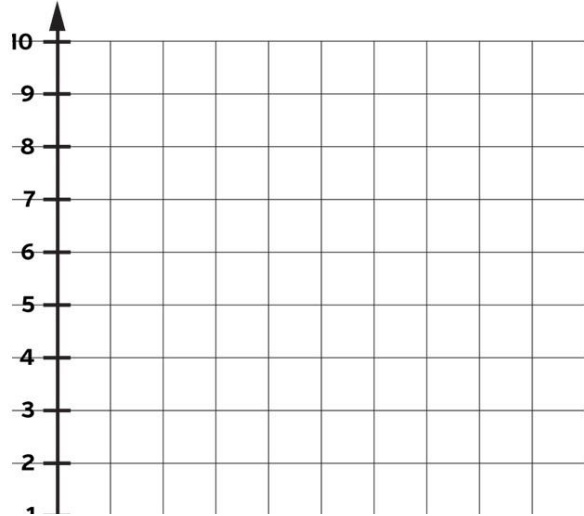
Your best friend loves how energetic your three-year-old rescue dog is and is considering switching to the same dog food you use for her five-year-old. Show her the breakdown of cost per day for the dog food so she can decide if she wants to make the change.

Coordinate Plane Pet, Part 1

Name: _____ Date: _____

Draw an image of your new pet's face below. On the following page you will write out the coordinate points so a classmate can reveal your pet.

Hint: it would be easiest if you have every point on an intersection, so please draw accordingly.



Coordinate Plane Pet, Part 2

Name: _____ Date: _____

Write out the ordered pairs so a classmate can reveal your pet.

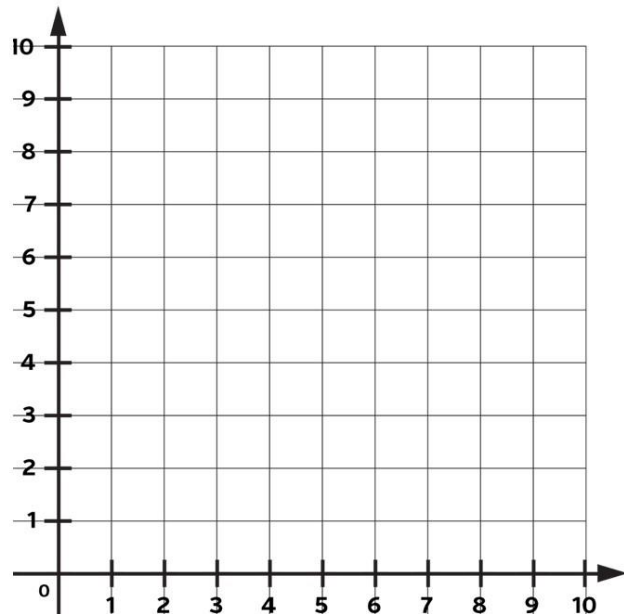
You may need to break down your pairs into various sections they can represent different parts of your pet, such as eyes, etc. You can choose whether to label these or simply keep separate.

Hint – Remember the x axis is first, and the y axis is next.

Coordinate Plane Pet, Part 3

Name: _____ Date: _____

Use the ordered pairs given from your classmate to draw the pet they would like to have in their home.



Financial Literacy “Buying Goods and Services” Sheets – ALL with editable options!

Financial Literacy Questions

Buying Goods and Services

Name: _____ Date: _____

Compare costs and benefits of each –

- Buying a dog from a large breeder versus buying a dog from someone who has two pets
- Buying a hamster from a pet animal shelter.
- Buying fish from a pet store (such as Wal-Mart or PetSmart)

In your answers above, would the an 60-year-old were buying the pet rather

Financial Literacy Questions

Buying Goods and Services

Name: _____ Date: _____

Pets have needs, but the owner may also have “wants” for the pet. Share your/your pet’s wants and how you could make each a reality. (example – more treats = more income or make your own to save money)

nts above from most to least desired. Justify your ranking.

Financial Literacy Questions

Buying Goods and Services

Name: _____ Date: _____

Create a budget for your pet.

My pet is a _____.

- Initial costs
- First year costs
- Ongoing expenses

Financial Literacy Questions

Buying Goods and Services

Name: _____ Date: _____

Analyze the sources you have used to help you determine what pet to get. Identify deceptive selling/persuading practices, which had valuable information, what was misleading, or other practices you may have noticed.

Explain in detail what you saw.

Financial Literacy Questions

Buying Goods and Services

Name: _____ Date: _____

Explain the pros and cons of each of the following ways of paying for your pet.

	Pros	Cons
Cash		
Credit Card		
Personal Check		
PayPal (or other online payment)		

Which payment method is the best for each of the below.

- Pet food?
- Supplies?
- Vet Bills?

Financial Literacy Questions

Buying Goods and Services

Name: _____ Date: _____

Create a budget for your pet.

My pet is a _____.

- Initial costs
- First year costs
- Ongoing expenses
- Emergency
- Geriatric (Old Age)

Financial Literacy Questions

Buying Goods and Services

Name: _____ Date: _____

How could you plan for an emergency, a sudden need for more expensive pet food, or a new monthly prescription?

Financial Literacy "Saving" Sheets – ALL with editable options!

Financial Literacy Questions

Saving

Name: _____ Date: _____

Find a book about saving for a pet. What book is it?

Create questions or a discussion you could have with those below.

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Financial Literacy Questions

Saving

Name: _____ Date: _____

What amount of money is needed each month to care for your pet?

Where will this money come from?

How will it be spent? (Annually at the vet? At the store for food? Recurring food delivery? What else?)

Financial Literacy Questions

Saving

Name: _____ Date: _____

If you were able to save \$10 per month for a new pet, how long would it take until you could buy the pet and have one year's expenses? Explain and show your math.

Could you put the money from above somewhere to have interest in your favor? Explain.

Financial Literacy Questions

Saving

Name: _____ Date: _____

Pretend you took out a personal loan from the bank to buy your new pet. What does it mean to pay interest plus the original amount to the bank?

Fill out the following chart to determine the total cost of a pet if you took out the following loans with these interest rates.

Principal	Interest	Total Cost
\$50	5%	
\$200	8%	
\$500	6%	
\$1,000	5%	
	4%	
	6%	

Financial Literacy Questions

Saving

Name: _____ Date: _____

Would you rather take out a loan and pay interest on it or save for a pet when you have the money to pay in full? Explain.

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Financial Literacy Questions

Saving

Name: _____ Date: _____

Assuming a pet is 3% of a family's overall monthly budget, how much money is not going to retirement in each of these scenarios:

Monthly Income	Pet Cost	Total Cost per Month
\$2,000	3%	
\$5,000	3%	
\$8,000	3%	
\$10,000	3%	
\$15,000	3%	

Considering a savings rate of 7% over 20 years, how much could be made in retirement in each scenario above? Fill out the chart below. (Hint – you can search the Dave Ramsey calculator online to help you calculate.)

Monthly Income	Total Cost per Month (Copy from the chart above)	Total Retirement Value 20 Years
\$2,000		
\$5,000		
\$8,000		
\$10,000		
\$15,000		

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Financial Literacy Questions

Saving

Name: _____ Date: _____

Knowing the retirement information from the last page, would you rather more fully save for retirement or have a pet? Or do you have another option you would do? Explain in detail.

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ABOUT THE AUTHOR

My name is Heather. I'm a certified **elementary and special education teacher** in the state of South Dakota. I am also certified to be a K-12 Reading Specialist and Principal.

My classroom experience has ranged from **PreK to 6th grade**. I've taught everything from a regular gen ed classroom to inclusion special education to Reading Recovery to a multi-grade classroom of ELL students.

All of these varied experiences have given me a chance to really see that teaching is all about “**fun, engaged, impactful relationships and learning**”. (This has also become my blogging mantra!) Treat students with respect, and they will do almost anything for you! Once you've built the relationships, the learning will come.

After seven years in the classroom, I become a K-6 principal at two schools and a K-12 district special education director. I'm now home caring for our two children and working online. I miss the students and staff, but I love still having my hands in education through my online endeavors.

If you have any questions about me, my resources, or my blog – please reach out! I love connecting with other educators from around the world!

~Heather aka HoJo~
info@heatherfergen.com

