

# First Grade: Quarter 3

## Parent Handbook



*This handbook will help your child review material learned this quarter. Please allow your child to work independently through the material, and then you can check their work using the answer key in the back of the handbook. If you have any questions or concerns about this material, please contact your child's teacher.*

*Thank you for your support!*

# First Grade Essential Math Standards

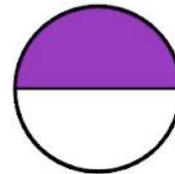


**Learning Objective # 1:** "Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters. Describe the whole as two of, or four of the shares. Understand that decomposing into more equal shares creates smaller shares."

## *Practice:*

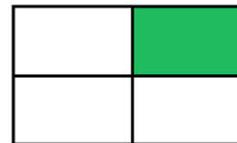
1. Name the fraction of the circle that is shaded.

- a. one fourth
- b. one whole
- c. one half



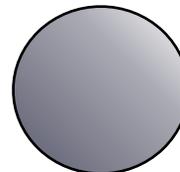
2. Name the fraction of the rectangle that is shaded.

- a. one fourth
- b. one whole
- c. one half

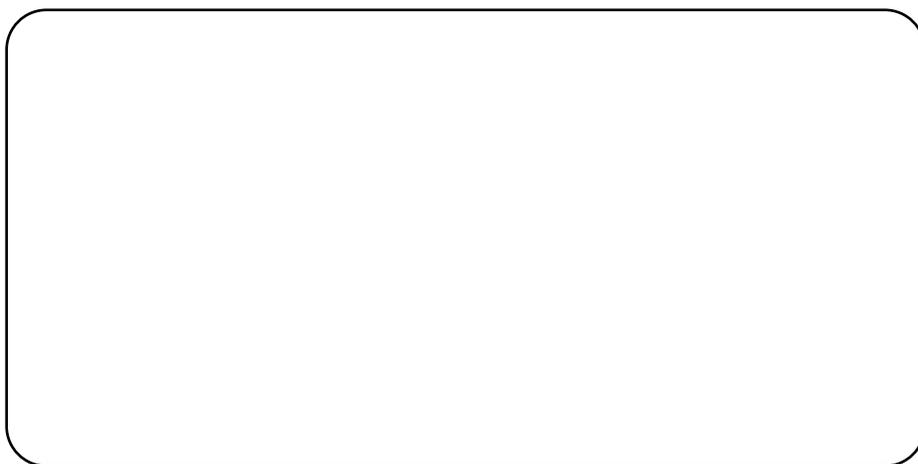


3. Name the fraction of the circle that is shaded.

- a. one fourth
- b. one whole
- c. one half



4. Draw a circle. Divide it into fourths. Shade  $\frac{1}{4}$  of the circle.



**Learning Objective # 2:** Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length units that span it have no gaps or overlaps. (non-standard measurement)

*Practice:*

5. Number the pictures in order of length from 1-3. The **longest** picture should have a 1.



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

6. Number the pictures in order of length from 1-3. The **shortest** picture should have a 1.



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

7. Three sisters are playing together.

Susie is tall.

Jenny is taller than Susie.

Lily is the tallest of of all. Circle Susie





**Learning Objective # 3:** “Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length units that span it have no gaps or overlaps. (non-standard measurement)”

*Practice:*

How many paper clips long is each pencil?

8.  \_\_\_\_\_ paper clips  


9.  \_\_\_\_\_ paper clips  


10. Measure the object using pennies.



about \_\_\_\_\_ pennies

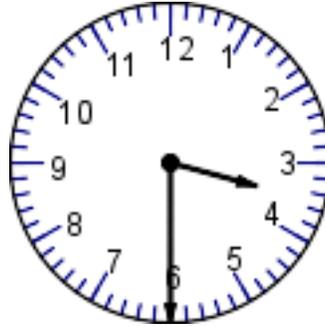


**Learning Objective #4:** “Tell and write time in hours and half-hours using analog and digital clock.”

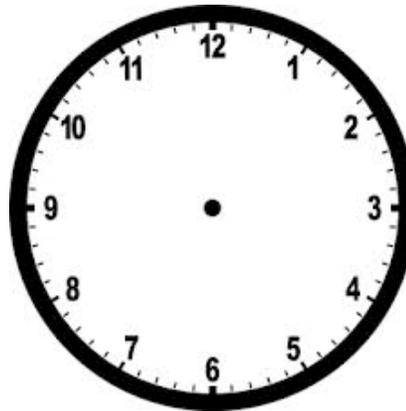
**Practice:**

11. What time is shown on the clock?

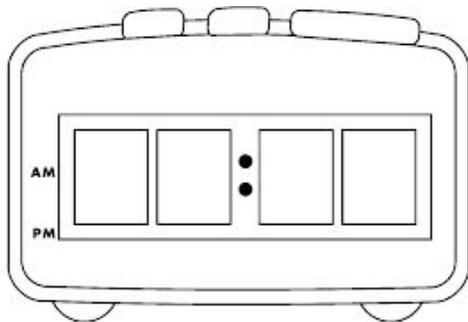
- a. 4:30
- b. 3:30
- c. 3:00
- d. 4:00



12. Draw the hands on the clock to match the time shown on the digital clock.



13. Show **eleven o'clock** on the digital clock.





**Learning Objective # 5:** "Identify coins by name and value (pennies, nickels, dimes, quarters.)"

*Practice:*

14. How much money is shown in the picture?



- a. 41¢
- b. 26¢
- c. 46¢

15. How much money is shown in the picture?



- a. 54¢
- b. 70¢
- c. 58¢



**Learning Objective # 6:** “Given a two-digit number, mentally find 10 more or 10 less than the number without having to count.”

*Practice:*

16. What is 10 more than 68? \_\_\_\_\_

17. What is 10 less than 83? \_\_\_\_\_

18. How would you change 37 to 27?

- a. Subtract ten
- b. Add ten more
- c. No change is made



**Learning Objective # 6:** “Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.”

*Practice:*

19. Which equation is true?

- a.  $7 + 7 = 12$
- b.  $10 = 6 + 4$
- c.  $4 - 3 = 0$
- d.  $5 + 1 = 1 + 4$

20. Determine if the equation is true or false.      $10 - 7 = 2 + 2$

- a. True
- b. False

## Essential Math Vocabulary:

- \* fraction: part of a whole
- \* whole: all of something
- \* half: one of two equal parts of a whole
- \* fourth: one of four equal parts of a whole
- \* measure: to find a number that shows the size or amount of something
- \* length: how long an object is from end to end
- \* analog clock: shows the time with hands instead of digits
- \* digital clock: shows the time with digits instead of hands
- \* equation: shows that two things are the same, using mathematical symbols.
- \* equal: having the same amount or value
- \* coins: (penny, nickel, dime, quarter) used for money

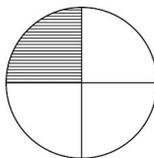
## Math Answer Key

1. C

2. A

3. B

4. Students draw a circle with four equal parts and shade one of the four parts.



5. 2

3

1

6. 1, 3, 2

7. Students should have circled the third girl in the set.

8. 5

9. 4

10. about 7 pennies

11. B

12.



13. 11:00

14. A

15. C

16. 78

17. 73

18. A

19. B

20. B

# First Grade Essential Reading Standards



**Learning Objective # 1:** “Ask and answer questions such as who, what, where, why, when, and how about key details in a text.”

## *Practice:*

Read the passage then answer the questions that follow.



### **Hoppy's Busy Day**

Hoppy took one look at the calendar and hopped out of bed. “Oh, my!” he cried. “I almost overslept. It’s only one more day until Easter.”

Hoppy and his friend, Mike Mouse, got to work in their special kitchen. While the eggs boiled, they picked out colors. Mike wanted orange, purple and red. Hoppy wanted green and yellow stripes.

They colored patterns on the eggs with wax crayons and then put them into the colored dye. The eggs were beautiful!

Mike and Hoppy got up early on Easter morning and hid all the eggs in the park while the children slept. Hoppy got very excited thinking about how much fun the children would have looking for the eggs.

1. Who hid the Easter eggs for the children?
  - a. Mom and Dad
  - b. Mike and Hoppy
  - c. the children
  
2. Where were the eggs hidden?
  - a. at the park
  - b. in the kitchen
  - c. in the bed

3. What colors did Mike want to color the eggs?
- a. green and yellow stripes
  - b. red, pink and yellow
  - c. orange, purple and red



**Learning Objective # 2:** “Retell stories, including key details, and demonstrate understanding of their main idea, central message, or lesson.”

*Practice:*

4. Using the story “Hoppy’s Busy Day”, tell about 3 important things that happened in the story.

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**Learning Objective # 3**: “Describe characters, settings, and major events in a story, using key details.”

***Practice:***

Read the following story and answer the questions.



**A Dog and His Reflection**  
an Aesop Fable

A dog was walking home with a large slab of meat in his mouth. On his way home, he walked by a river. Looking in the river, he saw another dog with a handsome chunk of meat in his mouth.

"I want that meat, too," thought the dog, and he snapped at the dog to grab his meat which caused him to drop his dinner in the river.

5. Who is the *main character* in the story?
  - a. the meat
  - b. the dog
  - c. the river
  - d. the cat
  
6. What *characteristic* best describes the dog?
  - a. greedy
  - b. honest
  - c. polite
  - d. respectful

7. What is one *event* that happened in the story?
- a. The dog ate the meat.
  - b. The dog was swimming in the river.
  - c. The dog barked.
  - d. The dog dropped the mean in the river.



**Learning Objective #4:** "Use illustrations and details in a story to describe its characters, setting, or events."

**Practice:**

Use the following illustration to answer the questions below.



8. Describe the setting in the picture.

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9. Write 2 details the picture gives you about the characters.

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**Learning Objective # 5 : “Compare and contrast the adventures and experiences of characters in stories.”**

*Practice:*

**Friends**

Zach and David are friends. Over the winter they did special things. Zach helped his mom put lights on a tree. David helped his mom light candles in the house. They both spent lots of time with their families. Then, both Zach and David got presents. They had a happy winter.

10. How is Zach similar to David in the story?
- a. They put lights on the tree
  - b. They lit candles in the house
  - c. They spent time with their families
11. How was David’s winter different from Zach’s winter?
- a. David lit candles in the house
  - b. David put lights on a tree
  - c. David had a happy winter

## *Reading Essential Vocabulary*

- \* **fiction:** a story that is not true
- \* **details:** who, what, when, where, why and how of a story
- \* **character:** who the story is about
- \* **setting:** where the story takes place
- \* **events:** important things that happen during a story
- \* **central message:** lesson of the story
- \* **illustrations:** pictures in a book
- \* **compare/contrast:** how things are alike and different

## *Reading Answer Key*

1. B

2. A

3. C

4. *Answers may vary, but must contain 3 events.*

Hoppy got up late.

Hoppy and Mike boiled eggs.

Hoppy and Mike decorated and dyed eggs.

Hoppy and Mike got up early and hid the eggs.

The children had fun looking for the eggs.

5. B

6. A

7. D

8. *Answers may vary.*

It takes place at the beach.

It takes place near the ocean.

9. *Answers may vary.*

The little boy is having fun at the beach.

The little boy is happy.

The little boy is building a sandcastle.

The bird (seagull) is helping the boy build a sandcastle

10. C

11. A