

**St. Catherine of Siena**

**Entering 3<sup>rd</sup> Grade**

**Math Packet**

**Name** \_\_\_\_\_

Name \_\_\_\_\_

2<sup>nd</sup> Grade Entering 3<sup>rd</sup>

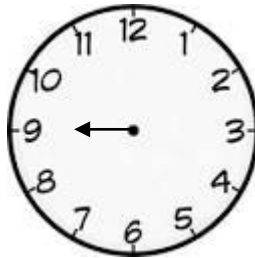
Lesson #1

1. Write the numbers in order from the least to greatest.

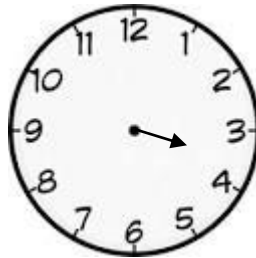
199    154    291    192                    \_\_\_\_\_

430    434    345    344                    \_\_\_\_\_

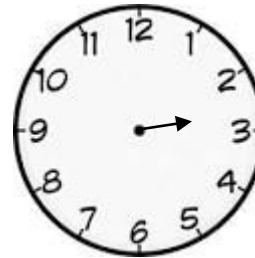
2. Draw the minute hand to show the time.



9:00



3:30



2:45

3.

Our Favorite Ice Cream	
Flavors	Votes
Peach	4
Chocolate	12
Strawberry	4
Cherry	3
Vanilla	5
Pistachio	1
Miss Carter January 10	

What was the favorite ice cream in the class? \_\_\_\_\_

How many children voted for vanilla? \_\_\_\_\_

Did more children vote for strawberry or for cherry? \_\_\_\_\_

Which ice cream got fewest votes? \_\_\_\_\_

When did Miss Carter make the table? \_\_\_\_\_

Lesson #2

4. Add or subtract.

$766 - 514$


$679 - 328$

$887 - 878$

$234 + 98$

$436 + 290$

$482 + 178$

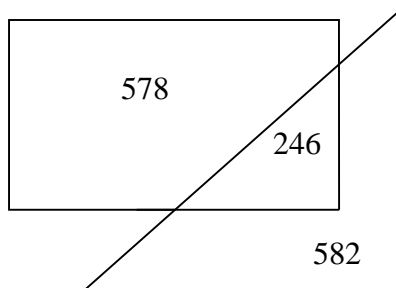
5. Thea had 14  .

She put 5 around the door.

How many  does she have left?

She has \_\_\_\_\_  left.

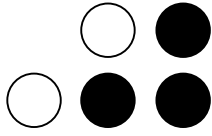
6. Which numbers have the lesser sum, the numbers inside the rectangle or the numbers inside the triangle?



\_\_\_\_\_ < \_\_\_\_\_ inside the \_\_\_\_\_

Lesson #3

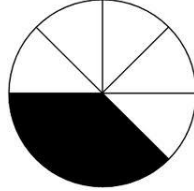
7. Write the fraction for the part shaded.



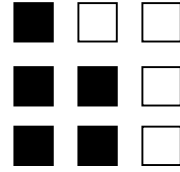
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

8. Start at the mark. Draw a line for each measure.

2 inches



1 inch



9. Compare. Write  $<$  or  $>$ .

321 \_\_\_\_\_ 421

357 \_\_\_\_\_ 306

941 \_\_\_\_\_ 914

196 \_\_\_\_\_ 241

439 \_\_\_\_\_ 437

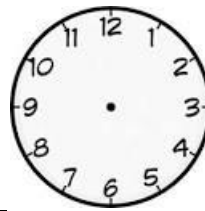
763 \_\_\_\_\_ 637

Lesson #4

10. Write the time.



\_\_\_\_\_ : \_\_\_\_\_

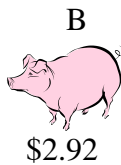


1 hour later than 12:00 is \_\_\_\_: \_\_\_\_\_

11. Subtract.

$$\begin{array}{r} 694 \\ -237 \\ \hline \end{array}$$

12. Alonzo has \$6.45. Which two stuffed animals can he buy and have 67¢ change?



He can buy stuffed animals \_\_\_\_\_ and \_\_\_\_\_.

Lesson #5

13. Teddy bought a binder for \$3.95

Show Work

and a notebook for \$4.00. He gave the

cashier \$7.98. How much change did he receive?

He received \_\_\_\_\_ change.

14. Write a fact family for:

$$12 - 5 = 7$$

$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

15.  $3 + 2 + 3 + 8 = \underline{\quad\quad}$

16.

8	
2	6
3	13
<u>+3</u>	<u>+11</u>

Lesson #6

17. Use the tally chart to make a bar graph.

Cans Collected in the Club Drive		Cans Collected in the Club Drive						
Day	Tally	Mon.						
Monday		Tues.						
Tuesday		Wed.						
Wednesday		Thurs.						
Thursday		Fri.						
Friday			0	5	10	15	20	25

Number of Cans

On which day were the most cans collected? \_\_\_\_\_

18. Find the sum. Regroup twice as needed.

$$\begin{array}{r} 286 \\ + 87 \\ \hline \end{array}$$

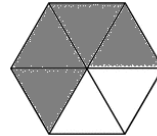
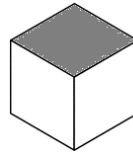
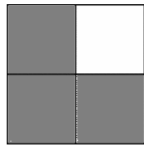
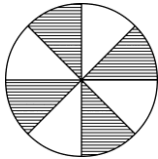
$$\begin{array}{r} 678 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 497 \\ + 37 \\ \hline \end{array}$$

$$\begin{array}{r} 768 \\ + 99 \\ \hline \end{array}$$

$$\begin{array}{r} 863 \\ + 68 \\ \hline \end{array}$$

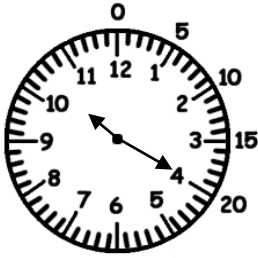
19. Write the fraction for the colored part of each whole.



20. Gina has one more comic book than Shawnee. Together they have 5. How many comic books does Gina have? \_\_\_\_\_

Lesson #7

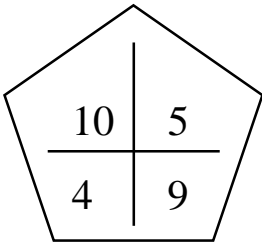
21.



\_\_\_\_\_ minutes after \_\_\_\_\_

\_\_\_\_\_ : \_\_\_\_\_

22. X the number that does not belong to the fact family. Write the fact family.



\_\_\_\_\_ ○ \_\_\_\_\_ = \_\_\_\_\_      \_\_\_\_\_ ○ \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ ○ \_\_\_\_\_ = \_\_\_\_\_      \_\_\_\_\_ ○ \_\_\_\_\_ = \_\_\_\_\_

23. Count by 5's.

25, 30, 35, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_



Lesson #8

24. Find the total amount.



\_\_\_\_\_



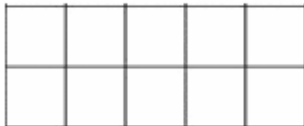
\_\_\_\_\_



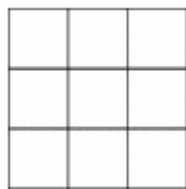
\_\_\_\_\_

25. Color the parts.

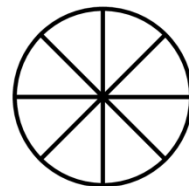
7 parts



6 parts



3 parts



Write the fraction for the colored part of the whole.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

26.

$$\begin{array}{r} \$4.50 \\ - \$2.90 \\ \hline \end{array}$$

Lesson #9

27. Complete the charts.

Just Before	Between	Just After
<u>641</u> , 642	399, _____, 401	902, _____
_____, 717	804, _____, 806	198, _____
_____, 222	111, _____, 113	329, _____
_____, 710	460, _____, 462	875, _____

28. Write the number that is 10 less than each.

19	68	40	54	85
_____	_____	_____	_____	_____

29.

$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$
---	---

30.

Show Work



5¢



7¢



4¢

Tamara buys 2 and 1 .

Sommer buys 2 and 1 .

Who spends more? \_\_\_\_\_ spends more.

31. The 17 children in art class planned a party. 9 of them made signs. How many did not make signs?

Show Work

\_\_\_\_\_ did not make signs.

32.

Kinds of Shows We Watch	
Cartoon Shows	☺☺☺☺☺☺☺☺
Animal Shows	☺☺☺☺☺☺
Movies	☺☺☺☺☺
Musical Shows	☺☺☺☺
News Shows	☺☺☺

Key ☺ = show Mr. Ford January 20

**Draw a circle around each true sentence.**

You can tell how many movies the class watched by counting the pictures of ☺.

The class watched six animal shows.

The class watched more news shows than movies.

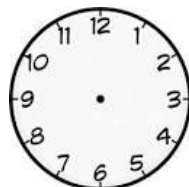
The class watched eight cartoon shows.

The class watched five musical shows.

33. 2 hours later than

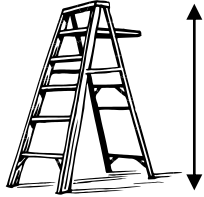
3:30 is

\_\_\_\_:\_\_\_\_



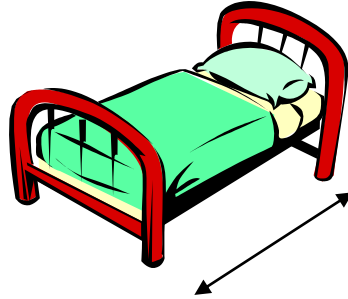
Lesson #11

34. Choose the reasonable measure. Circle your answer.



8 yards

8 feet



6 feet

6 inches

35. Write the numbers in order from greatest to least.

175   180   158   178   \_\_\_\_\_   \_\_\_\_\_   \_\_\_\_\_  
\_\_\_\_\_

36. Count on or back by 1s.

65 , 66 , 67 , 68 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

90 , \_\_\_\_\_ , 88 , 87 , \_\_\_\_\_ , \_\_\_\_\_ , 84

\_\_\_\_\_, 95 , \_\_\_\_\_ , 97 , \_\_\_\_\_ , 99 , 100

37. Fill in the blanks below:

52 = \_\_\_\_\_ ones

52 = 5 tens + \_\_\_\_\_ ones

78 = \_\_\_\_\_ tens + \_\_\_\_\_ ones

Lesson #12

38. There are 13 girls and 8 boys in  
craft class. How many more girls  
than boys are in craft class?

Show Work

There are \_\_\_\_\_ more girls than boys.

39. Start at the mark. Draw a line for each measure.

3 in.



9 cm



40. Count back by 10s.

100, 90, \_\_\_\_\_, \_\_\_\_\_, 60, \_\_\_\_\_, 40

41. Write the number that is 10 more than each.

22

46

35

50

63

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Lesson #13

42. Follow the pattern.

Write the missing numbers.

32 , 34 , 36 , \_\_\_\_\_, 40 , \_\_\_\_\_

12 , 16 , 20 , \_\_\_\_\_, \_\_\_\_\_, 32

12 , 15 , 18 , \_\_\_\_\_, \_\_\_\_\_, 27

50 , 55 , 60 , \_\_\_\_\_, 70, \_\_\_\_\_.

48 , 46 , 44 , \_\_\_\_\_, 40 , \_\_\_\_\_

98 , 96 , 94 , \_\_\_\_\_, \_\_\_\_\_, 88

43.

<b>January</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>February</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	<b>March</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>April</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
<b>May</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24, 31 25 26 27 28 29 30	<b>June</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>July</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>August</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23, 30 24, 31 25 26 27 28 29
<b>September</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>October</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>November</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>December</b> S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

How many months are in one year? \_\_\_\_\_

Which is the twelfth month of the year? \_\_\_\_\_

What date follows May 31? \_\_\_\_\_

Which months have exactly 30 days? \_\_\_\_\_

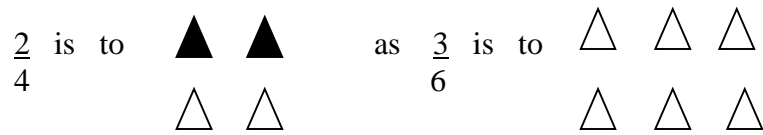
44. What time is it when the

hour hand is between 9 and 10

and the minute hand points to 8? \_\_\_\_\_:\_\_\_\_\_.

Lesson #14

45.



46.

$$\begin{array}{r} 827 \\ - 164 \\ \hline \end{array}$$

$$\begin{array}{r} 605 \\ - 274 \\ \hline \end{array}$$

$$\begin{array}{r} 658 \\ - 375 \\ \hline \end{array}$$

$$\begin{array}{r} 436 \\ - 54 \\ \hline \end{array}$$

47. Cindy sat in the fourth car on the train.

Show Work

There were 10 passenger cars behind hers  
and then 4 freight cars. How many cars were  
there altogether?

There were \_\_\_\_\_ cars.

48. Kim's party begins at 4:15 and will last 2 hours. What time does Kim's party end?

\_\_\_\_\_

Lesson #15

49. Troy had 368 football cards.

Show Work

His cousin Jack has 226 football cards.

Troy gives 40 of his cards to Jack.

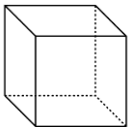
How many cards do both boys have then?

\_\_\_\_\_ cards

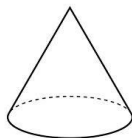
50.

1  
2  
4  
+6

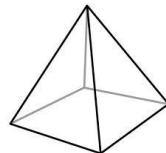
51. Sort the space figures. Write their names.



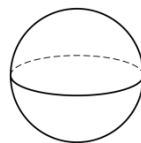
Cube



Cone



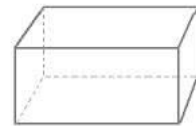
Pyramid



Sphere



Cylinder



Rectangular Prism

It rolls and has 2 flat surfaces. \_\_\_\_\_

It rolls and has 1 flat surface. \_\_\_\_\_

It has 6 flat surfaces. \_\_\_\_\_ or \_\_\_\_\_

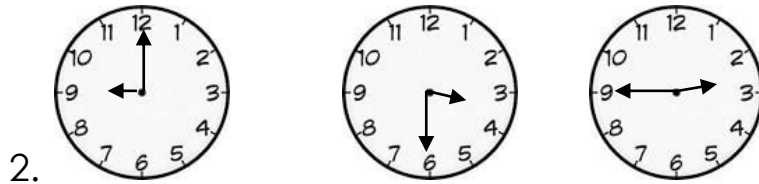


2<sup>nd</sup> Grade Entering 3<sup>rd</sup> Grade Math Packet  
Answer Key

**Lesson # 1**

1. 154, 192, 199, 291

344, 345, 430, 434



3. chocolate  
5 children  
strawberry  
pistachio  
January 10

**Lesson #2**

4. 766	679	887
<u>-514</u>	<u>-328</u>	<u>-878</u>
252	351	9

234	436	482
<u>+ 98</u>	<u>+290</u>	<u>+178</u>
332	726	660

5.  $14 - 5 = 9$  stars left

$$\begin{array}{r} 6. \quad 578 \quad 582 \\ \quad +246 \quad +246 \\ \quad \hline \quad 824 \quad 828 \end{array}$$

$824 < 828$  inside the rectangle

### Lesson #3

$$7. \quad \begin{array}{r} \underline{3} \\ 5 \end{array} \quad \begin{array}{r} \underline{1} \\ 4 \end{array} \quad \begin{array}{r} \underline{3} \\ 8 \end{array} \quad \begin{array}{r} \underline{5} \\ 9 \end{array}$$

8. Use a ruler to draw line.

$$9. \quad \begin{array}{l} 321 < 421 \\ 941 > 914 \\ 439 > 437 \end{array} \quad \begin{array}{l} 357 > 306 \\ 196 < 241 \\ 763 > 637 \end{array}$$

### Lesson #4

10. 4:55    1:00

11. 457

12. A and C

### Lesson #5

13. \$0.03 or 3¢

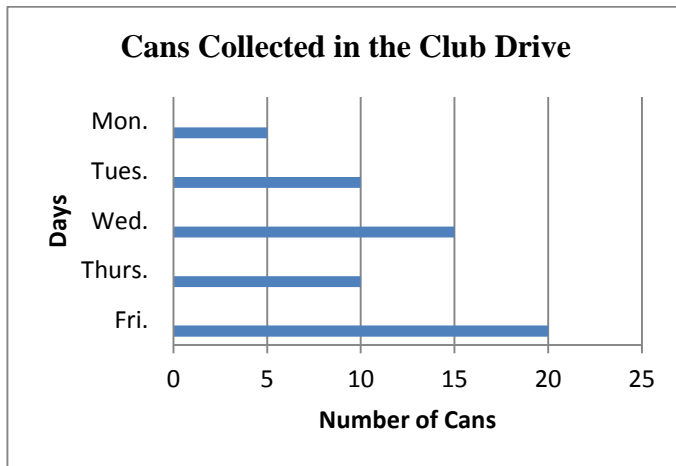
16. 16                      30

14.  $5 + 7 = 12$  or  $7 + 5 = 12$

15. 16

## Lesson #6

17.



Friday

18. 373    710    534    867    931

19.  $\frac{4}{8}$      $\frac{3}{4}$      $\frac{1}{3}$      $\frac{4}{6}$

20. 3 comic books

## Lesson #7

21. 20 minutes after 10                      10:20

22.  $5 + 4 = 9$                        $9 - 5 = 4$   
 $4 + 5 = 9$                        $9 - 4 = 5$

23. 25, 30, 35, 40, 45, 50

## **Lesson #8**

24. 40¢      27¢

57¢

25.  $\frac{7}{10}$        $\frac{6}{9}$        $\frac{3}{8}$

26. \$1.60

## **Lesson #9**

27.

<b>Just Before</b>	<b>Between</b>	<b>Just After</b>
641	400	903
716	805	199
221	112	330
709	461	876

28. 9      58      30      44      75

29. 15      11

30. Sommer spends more.

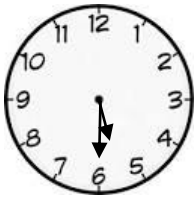
## Lesson #10

31.  $17 - 9 = \underline{8}$  did not make signs

32. True sentences are:

- You can tell how many movies the class watched by counting pictures of ☺.
- The class watched six animal shows.
- The class watched eight cartoon shows.

33. 5:30



## Lesson #11

34. 8 feet          6 feet

35. 180, 178, 175, 158

36. 65, 66, 67, 68, 69, 70, 71  
90, 89, 88, 87, 86, 85, 84  
94, 95, 96, 97, 98, 99, 100

37.  $52 = \underline{2}$  ones

$52 = 5$  tens +  $\underline{2}$  ones

$52 = \underline{7}$  tens +  $\underline{8}$  ones

## **Lesson #12**

38.  $13 - 8 = 5$                       There are 5 more girls than boys.

39. Use a ruler to draw line.

40. 100, 90, 80, 70, 60, 50, 40

41. 32   56   45   60   73

## **Lesson #13**

42. 32, 34, 36, 38, 40, 42

12, 15, 18, 21, 24, 27

48, 46, 44, 42, 40, 38

12, 16, 20, 24, 28, 32

50, 55, 60, 65, 70, 75

98, 96, 94, 92, 90, 88

43.

- 12 months
- December
- June 1
- April, June, September, November

44. 9:40

## **Lesson #14**

45. 3 triangles shaded

46. 663    331    283    382

47.  $4 + 10 + 4 = 18$  cars

48. 6:15

## **Lesson #15**

49. 594 cards

50. 13

51. cylinder

cone

cube, rectangular prism