Entering Second Grade Summer Math Packet
First Name: $\qquad$ Last Name: $\qquad$ Second Grade Teacher: $\qquad$

I have checked the work completed $\qquad$
Parent signature

1. Fill in the missing numbers:

| 1 |  | 3 |  | 5 | 6 |  |  | 9 | 10 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 11 |  |  | 14 |  | 16 |  | 18 | 19 |  |
|  | 22 |  | 24 | 25 |  | 27 |  |  | 30 |
| 31 |  |  | 34 | 35 |  | 37 |  |  | 40 |
|  | 42 | 43 |  | 45 | 46 |  | 48 |  | 50 |
| 51 | 52 |  | 54 |  | 56 |  |  | 59 |  |
| 61 |  | 63 |  |  |  | 67 | 68 |  | 70 |
|  |  | 73 |  | 75 |  | 77 |  | 79 |  |
|  | 82 |  |  |  | 86 | 87 |  | 89 |  |
|  | 92 |  | 94 |  | 96 |  | 98 |  |  |

2. Skip count by 2 's: 2,4 , $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ .
3. Skip count by 5's: 5, 10, $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ , $\qquad$ .
4. Find the sum:

| 5 |
| ---: |
| +3 |



| 1 |
| ---: |
| +2 |


| 2 | 2 |
| ---: | ---: |
| +2 | +6 |


| 7 | 5 |
| ---: | ---: |
| +3 | +5 |

$\begin{array}{r}5 \\ 5 \\ \hline\end{array}$

| 7 | 5 | 3 | 2 | 5 | 2 | 3 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\underline{+7}$ | $\underline{+2}$ | $\underline{+0}$ | $\underline{+7}$ | $\underline{+1}$ | $\underline{+5}$ | $\underline{+3}$ |
|  |  |  |  |  |  |  |
| 1 | 4 | 0 | 1 | 9 | 1 | 1 |
| $\underline{+7}$ | $\underline{+5}$ | $\underline{+6}$ | $\underline{+9}$ | $\underline{+9}$ | $\underline{+4}$ | $\underline{+8}$ |

5. List the value of each coin.

6. Fill in the blanks, skip count by 5's.

|  | 10 |  |  |  |  | 35 |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 55 |  |  |  |  | 80 |  |  |  | 100 |

7. Write these numbers from smallest to largest: $21,16,35,8$.
A. $21,35,16,8$
B. $16,21,35,8$
C. $8,16,21,35$
8. Draw a line to match the coin with its name:


Front of penny


Back of nickel

Front of quarter

Front of dime

Back of quarter

Front of nickel


Back of penny
9. Find the sum.

| 6 | 8 | 4 | 2 | 5 | 1 | 4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\underline{+6}$ | $\underline{+1}$ | $\underline{+3}$ | $\underline{+3}$ | $\underline{+0}$ | $\underline{+6}$ | $\underline{+4}$ |

Select the one best answer for each question.
10. Which number is ONE MORE than 27 ?
A. 26
B. 28
C. 37
11. What number is represented by the following?

A. 24
B. 42
C. 60
12. How can you make 8 cubes?
A. 2 cubes plus 5 cubes
B. 1 cube plus 8 cubes
C. 2 cubes plus 6 cubes
13. Sally and Ron are coming over at 2 o'clock to play and they have to go home at 5 o' clock. How many hours can you play together?
A. 2 hours
B. 3 hours
C. 5 hours
14. Which number fact makes 8 ?
A. $7+2$
B. $3+4$
C. $4+4$
15. Which of these groups of stars has more stars in it?


B

A. Group A
B. Group B
16. Amanda looked at the night sky. She saw 12 stars. Then she saw 7 more. What number sentence shows how she counted the total number of stars she saw?
A. $12-7=5$
B. $12+7=5$
C. $12+7=19$
17. Write the missing numbers. Skip count by 2.

8 , $\qquad$ , $\qquad$ , 16

22, $\qquad$ , __, $\qquad$ , 30

54, 56, $\qquad$ , $\qquad$ , $\qquad$ , 64
18. Amanda had 12 crayons. Then Paul gave her 7 more. Make a drawing to show how you would solve this problem. Then circle your answer.
A. 5
B. 12
C. 19
19. Since $3+6=9$, then which subtraction is also correct?
A. $3-6=9$
B. $6-3=9$
C. $9-3=6$
20. Solve this problem using a drawing:

8 birds were sitting in a tree. 3 flew away. How many are left?
$\qquad$ birds are left.
21. Find the difference.

| 8 | 7 | 6 | 9 | 8 | 9 | 6 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| -2 | -0 | -1 | $-\underline{4}$ | $\underline{-6}$ | $\underline{-2}$ | $\underline{-3}$ |

22. What is the unknown number in __?__+2=7?
A. 9
B. 7
C. 5
23. Write the missing numbers. Skip count by 5's.

25, $\qquad$ , $\qquad$ , __ , , 45

50, $\qquad$ , _ $\qquad$ , 70

35, $\qquad$ , $\qquad$
$\qquad$ , 55

75, $\qquad$ , $\qquad$ , ___, 95
24. What is the unknown number in $10-\ldots ? \ldots=6$ ?
A. 4
B. 6
C. 16
25. Add $22+5$ without using a calculator or fingers.
A. 25
B. 27
C. 29
26. Find the difference.

| 8 | 7 | 6 | 5 | 6 | 7 | 8 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| -5 | -2 | -3 | $\underline{-4}$ | $\underline{-2}$ | $\underline{-4}$ | $\underline{-4}$ |

27. The movie starts at 3:00 pm and ends at 6:00 pm, how long is the movie?
A. 2 hours
B. 3 hours
C. 4 hours
28. Write in the missing numbers. Skip count by 10's.

25, $\qquad$ , $\qquad$ , $\qquad$ -
29. Find the sum:

3

| 3 | 6 |
| ---: | ---: |
| +9 | +8 |


| 8 |
| ---: |
| +7 |

1
$+3$

| 9 | 8 | 7 | 9 | 8 | 6 | 7 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\underline{+3}$ | $\underline{+8}$ | $\underline{+4}$ | $\underline{+4}$ | $\underline{+3}$ | $\underline{+4}$ | $\underline{+6}$ |

30. Melissa had 22 stones. Her mother gave her 30 more stones. How many did she have altogether? Do not use a calculator.
A. 25
B. 32
C. 52
31. Subtract $16-6$ without using a calculator.
A. 12
B. 10
C. 6
32. Look at the clock and tell what time it is.

A. 4:06
B. $4: 30$
C. 6:20
33. What time is it?

A. 2 o'clock
B. 10 o' clock
C. 12 o' clock
34. This number line shows only the number 8 . Write the number 6 where it is supposed to be.

35. Fill in the blanks. Skip count by 5's.

25, $\qquad$ , _ , $\qquad$
$\qquad$ , 50

60, $\qquad$ , __ , $\qquad$ 80

80, $\qquad$ , $\qquad$
$\qquad$ , 100
36. Which clock reads $2: 30$ ?

A. A
B. B
C. C
37. What time is it?

A. 12:00
B. $12: 30$
C. $6: 00$
38. Find the difference:

| 5 | 11 | 2 | 12 | 11 | 9 | 12 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\underline{-0}$ | $\underline{-9}$ | $\underline{-2}$ | $\underline{-5}$ | $\underline{-6}$ | $\underline{-9}$ | $\underline{-6}$ |
|  |  |  |  |  |  |  |
| 10 | 13 | 7 | 15 | 13 | 10 | 15 |
| -9 | -7 | $-\underline{3}$ | $\underline{-9}$ | -4 | $\underline{-8}$ | $\underline{-6}$ |

## Ask Mom or Dad for some coins to help with the following questions or draw the coins on paper.

39. Mike had 2 quarters in his pocket. He traded his 2 quarters with his friend Pam. They made an even trade. Mike got:
A. 25 pennies
B. 6 nickels
C. 5 dimes
40. 10 dimes are equal to:
A. 2 quarters
B. $\$ 1.00$
C. 10 cents
41. 1 dime is equal to:
A. 1 nickel
B. 3 nickels
C. 1 nickel and 5 pennies
42. How much money is this?

A. 30 cents
B. 35 cents
C. 40 cents
43. Write these numbers from smallest to largest. 36, 12, 28, 7
$\qquad$ , $\qquad$ , $\qquad$ ,

44. How much money is this?

A. 5 cents
B. 28 cents
C. 53 cents
45. 23 is one more than $\qquad$
46. $\qquad$ is just before 12 .
47. Jack had 50 cents. He lost 2 dimes. How much money does he have left?
A. 48 cents
B. 30 cents
C. 20 cents
48. I bought candy for 20 cents and gum for 15 cents. How much money did I spend?
A. 5 cents
B. 35 cents
C. 30 cents

Sums to 20-Add with 9

Write each addend.
Find the sum.


Subtract from 6

See how many dots in all.
Cross out to take away. Write how many are left.


## Subtract from 6

See how many dots in all.
Cross out to take away. Write how many are left.
1.


6 in all. Take away 0. There are $\qquad$ left.

2.


6 in all. Take away 3. There are $\qquad$ left.

Subtract. You may use models.
3.

$$
6^{4}
$$

$6^{5 .}$
5. $6^{6}$
$6^{7}$
$6^{8 .}$
8. 6
$\begin{array}{llllll}-4 & -2 & -5 & -0 & -3 & -1\end{array}$

## Mixed Practice



Math Facts－Addition

| － | 9 | O | E | $\stackrel{\omega}{\omega}$ | N | き |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\left\lvert\, \begin{aligned} & + \\ & N\end{aligned}\right.$ | $1 \begin{aligned} & + \\ & \omega 0\end{aligned}$ | $1 \begin{aligned} & + \\ & +\infty\end{aligned}$ | $1 \begin{aligned} & + \\ & \omega \omega\end{aligned}$ | $1 \begin{aligned} & + \\ & A\end{aligned}$ | $1+\infty$ | $1 \begin{aligned} & + \\ & 0\end{aligned}$ |
| $\stackrel{\square}{ \pm}$ | $\stackrel{\text { जे}}{\underline{\text { a }}}$ | $\stackrel{\text { N }}{ }$ | $\Xi$ | $\stackrel{\text { ® }}{ }$ | $\stackrel{\square}{6}$ | $\underbrace{\infty}_{-}$ |
| $\left.\right\|_{+} ^{+}$ | $1+$ | $\mid \xrightarrow{+}$ | $\left.\right\|_{\rightarrow 0} ^{+}$ | $\mid+\cdots$ | $\left\lvert\, \begin{aligned} & + \\ & \infty\end{aligned}\right.$ | $1 \begin{aligned} & + \\ & \omega\end{aligned}$ |
| $\stackrel{N}{\triangle}$ | N000 | $\stackrel{\rightharpoonup}{\text { ¢ }}$ | $\stackrel{\widetilde{\sim}}{\sim}$ | き | $\stackrel{\text { ¢ }}{\text { O }}$ | $\stackrel{\rightharpoonup}{\sim}$ |
| $\left\lvert\, \begin{aligned} & + \\ & V-\end{aligned}\right.$ | $1+0$ | $1 \begin{aligned} & + \\ & \text { No }\end{aligned}$ | $1 \begin{aligned} & + \\ & 07 \omega\end{aligned}$ | $1+0$ |  | $1+0$ |
| 気 | $\stackrel{N}{3}$ |  | 式 | $\stackrel{\overparen{N}}{ \pm}$ | $\stackrel{\stackrel{\text { WH}}{\sim}}{ }$ | N |
| $1 \begin{aligned} & + \\ & \omega 0\end{aligned}$ | $1+0$ | $\stackrel{+}{+}$ | $1+\infty$ | $1+$ or | $1+\infty$ | 1000 |

What Time is It?


Draw Hands on a Clock


$$
4: 00
$$



6:30


5:00


8:30


1:30


3:30


2:30


7:30


11:00

Math Facts：Subtraction
（1）

| 9 |
| ---: |
| -2 |

（2）
（3）
（4）
（5）
（6）
（7）
$1 \begin{aligned} & 1 \\ & \omega \rightarrow\end{aligned}$

| E | 产 | 國 | $\Xi$ | 훙 | $\stackrel{\square}{\square}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $1{ }_{\square}^{1} 0$ | $1 l_{0}^{1} 0$ | $1 \begin{aligned} & 1 \\ & 1 \\ & \\ & \end{aligned}$ | 1 l | 1100 | $\left.\right\|_{1} ^{1} 0$ | 100 |


| $\stackrel{N}{\sim}$ | N | $\stackrel{\text { ® }}{ }$ | $\stackrel{\square}{\infty}$ | $\stackrel{ \pm}{ \pm}$ | $\stackrel{\text { ® }}{\text { ¢ }}$ | $\stackrel{\rightharpoonup}{*}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\left.\right\|_{1} ^{1}+\infty$ | $\left.\right\|_{\text {A }} ^{1}$ | $1{ }_{1}^{1} 0$ | $\mid l_{1}^{1}$ | 10 | $1 \begin{aligned} & 1 \\ & 0\end{aligned}$ | $1 \pm 0$ |
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| $1 \begin{gathered}1 \\ 0\end{gathered}$ | $1 \begin{aligned} & 1 \\ & A\end{aligned}$ | 11 <br> 10 | $\left.\right\|^{1}+\infty$ | ｜com | $\mid l o_{1 \rightarrow 0}$ | 1100 |

Math Facts：Subtraction

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\left.\right\|_{\rightarrow} ^{1}$ | 100 | $1 \pm+$ | $\left.\right\|_{1+} ^{1}$ | $\left.\right\|_{1} ^{1}$ | ${ }^{1} \rightarrow \infty$ | $10 \stackrel{1}{0}$ |
| $\stackrel{ \pm}{ \pm}$ | $\stackrel{\widetilde{\omega}}{\underline{\omega}}$ | － | $\Xi$ | $\stackrel{\rightharpoonup}{\text { ® }}$ | $\underline{6}$ | $\infty$ |
| 1 l | $\left.\right\|^{1} 0$ | $1 \xrightarrow{1} 0$ | $1 \begin{aligned} & 1 \\ & 0\end{aligned}$ | $\left\lvert\, \begin{gathered}1 \\ 100\end{gathered}\right.$ | $1{ }_{1}^{1}$ | 100 |
| $\stackrel{N}{N}$ | － | $\stackrel{\rightharpoonup}{\stackrel{\rightharpoonup}{0}}$ | $\stackrel{\square}{\infty}$ | $\stackrel{\square}{ \pm}$ | $\stackrel{\rightharpoonup}{\text { a }}$ | $\stackrel{F}{9}$ |
| $1 \begin{aligned} & 1 \\ & A\end{aligned}$ | 11 | $1 \begin{aligned} & 1 \\ & \text { No }\end{aligned}$ | $1 \begin{aligned} & 1 \\ & A\end{aligned}$ | 1100 | $1 \pm \infty$ | 1 l |
| 気 | $\stackrel{\widetilde{y y}}{\substack{\text { a }}}$ | 节 |  | $\stackrel{N}{ \pm}$ | 馬 | 第 |
| $\left.\right\|_{1} ^{1}+\infty$ | $1 \stackrel{1}{1}$ | $\left.\right\|_{-\infty} ^{1}$ | 1 l |  | ${ }^{1}$ | $1 \begin{aligned} & 1 \\ & \omega\end{aligned}$ |

## Counting Coins

## Write the total amount of each set of coins.

(1)

(2)

(3)

(4)

(5)

(6)

(7)


## Counting Coins

## Write the total amount of each set of coins.

(1)

(2)

(3)

(4)

(5)

(6)

(7)


## Counting Coins

## Write the total amount of each set of coins.

(1)

(2)

(3)

(4)

(5)

(6)

(7)


## Partitioning Fractions



1. Draw lines. Make 2 equal parts for each shape. Make each shape different.

2. Draw lines. Make 4 equal parts for each shape. Make each shape different.

3. Go back to number 1. Color $\frac{1}{2}$ of each shape.
4. Go back to number 2 . Color $\frac{1}{4}$ of each shape.

Name the Fraction


Circle the correct fraction.
1.

$\frac{1}{2} \quad \frac{1}{4} \quad \frac{1}{3}$
2.

$\frac{1}{2} \quad \frac{1}{4} \quad \frac{1}{3}$
3.

4.
$\frac{1}{2} \quad \frac{1}{4} \quad \frac{1}{3}$
\%.

9.
$\frac{1}{2} \quad \frac{1}{4} \quad \frac{1}{3}$

\%


$$
\frac{1}{2} \quad \frac{1}{4} \quad \frac{1}{3}
$$

8. 

$\frac{1}{2} \quad \frac{1}{4} \quad \frac{1}{3}$

(9.

$\frac{1}{2} \quad \frac{1}{4} \quad \frac{1}{3}$

We recommend completing this handwriting practice every week and please hand them in on the first week of school
I plectge- allegiance-to-the flag-of-the-Unitect- Btates-of- America,- and- to the Republic- for which -i t-stands:- one mation-under- Loot, -indivisible, urith-liberty and justice-for alt.
$\qquad$
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$\qquad$

Lender: Trade: Age: Circle one: Right or Left handed Size 36

Students signature:
first and last name printed:

Contact information:
Email:
mailing address:

