# FIRST GRADE at home 



Math Packet
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# How to Use this Packet 

My goal is to make learning at home as EASY as possible. During this time of school closures, I urge you not to stress about your child falling behind academically. We are all in this together right now. The most important thing you can do with your child is to spend time with them making memories. Read books, play games, do simple science experiments, or find art projects to do together.

I created this packet to help give some structure to your day. This packet includes activities focused on first grade math skills. I did not include every math skill worked on in first grade, but I did include quite a few.

## The Activities

## Addition

There are a variety of addition worksheets. There are basic facts, finding the missing number, double digit addition, and double digit with regrouping.

## Subtraction

Just like the addition part, there are activities for basic facts, finding the missing number, and double digit subtraction.

## The Activities

## Color by Number

Practice addition and subtraction facts through these two color by number sheets. You can use crayons, markers, or colored pencils.

## Word Problems

Use addition or subtraction to solve these word problems.

## Base Ten Numbers

Write the number the base ten blocks represent.

## Comparing Numbers

Practice comparing two numbers using the greater than and less than sign.
Follow the Rule
Read the rule at the top of each table. Fill in the missing numbers.

## Missing Parts

Practice decomposing numbers, or breaking numbers apart to show the whole and two parts. They will figure out the missing number and write it in the empty spots. You may need to use math manipulatives to help with this.

## Missing Numbers

Write in the missing numbers. This chart is to practice reciting numbers 1-120.
Build the Shape
Use toothpicks, marshmallows, and pipecleaners to form the shapes.

## Halves

Divide the shapes in halves. Talk about the names of each shape.

## 2D and 3D shapes

Color the 2D shapes purple and the 3D shapes green.

## The Activities

## I Spy Shapes and Graphing Sheet

Look at the I Spy 3D Shapes sheet to fill in the graph. Use the graph to answer the data questions.

## Time Puzzles

Cut apart the time puzzles. Mix them up and find the matches. These only practice identifying time for the hour and half hour.

## Match the Time

Draw lines from the time to the matching clock.
Tell the Time
Write the time for each clock.

## Measurement

Use the rulers to find the length of each object.
Comparing Lengths
Look at the three pictures. Order them from least to greatest using 1, 2, and 3.

Order by Size
Cut out the snakes. Order them from least to greatest and glue them in the table.

Games
Follow the directions on page 57 for the 3 games.

## Addition Practice

Solve these addition problems using the number line.


| $9+3=$ | $10+10=$ |
| :--- | :--- |
| $10+8=$ | $9+5=$ |
| $8+8=$ | $12+7=$ |
| $4+6=$ | $5+8=$ |
| $7+4=$ | $3+5=$ |
| $12+6=$ | $\\|+5=$ |

## Addition Practice

| $9+3=$ | $10+10=$ |
| :--- | :--- |
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| $9+3=$ | $10+10=$ |
| $10+8=$ | $9+5=$ |
| $8+8=$ | $12+7=$ |
| $4+6=$ | $5+8=$ |
| $7+4=$ | $3+5=$ |
| $12+6=$ | $11+5=$ |

Roll the dice and write the addition fact.


2
4 E


2
$+$


2
$+$ $\underline{ }$ ㅌ

$\uparrow$
E


II

$\square$

| Roll the Facts |  |
| :---: | :---: |
| 3 + |  |
| $3+\ldots=$ | 3 + |
| $3+\ldots=$ | 3 + |
| $3+\ldots=$ | $3+$ |
| $3+\ldots=$ | $3+$ |
| $3+$ | $3+$ |
| $3+\ldots=$ | $3+$ |



$$
\begin{cases}\text { Missing Number } \\ 2+\square=10 & 10+\square=17 \\ 6+\square=12 & \square+4=16 \\ \square+7=10 & \square+9=14 \\ 4+3=\square & 9+3=\square \\ 6+\square=13 & 7+\square=15 \\ 12+8=\square & 11+6=\square \\ \square+4=11 & \square+7=20\end{cases}
$$

## Double Digit Addition




# Double Digit Addition with regrouping - challenge problems 



Subtraction Practice
Solve these addition problems using the number line.



| $12=2=$ | $5=4=$ |
| :--- | :--- |
| $17-3=$ | $3=2=$ |
| $20-4=$ | $6=3=$ |
| $16=2=$ | $20=3=$ |
| $15-5=$ | $18=8=$ |
| $19-1=$ | $4=5=$ |

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| Missing Number |  |
| :---: | :---: |
| $12-\square=10$ | $16-\square=15$ |
| 16-14 | - $4=8$ |
| $-3=15$ | 19 - |
| $19-2=$ | $14-\square=$ |
| $16-\square=13$ | $=14$ |
| 20 | 18 |
| -5 $=12$ | $\square-4=7$ |

Double Digit Subtraction


Double Digit Subtraction



# Color by Number 

| $3=$ pink | $5=$ blue | $7=$ green |
| :--- | :--- | :--- |
| $4=$ purple | $6=$ red | $8=$ yellow |

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You have 3 apples. Your friend has 2 apples. How many apples are there all together?

A candy bar costs $\$ 1$. How much would it cost for 8 candy bars?

You have 5 baseball cards. You give 2 away. How many do you have left?

I saw 2 fish in the water. 2 more fish swim by. How many fish are there altogether?

Carly bought 10 pencils and Mei bought 8. How many did they buy altogether?

Tom saw 7 bees. Jim saw 5 more bees.
How many bees did they see altogether?

## Santiago has 13

flowers in his garden. José has 9 . How many more flowers does Santiago have?

Tom planted 3 seeds in a pot. Jan planted 4 and Chris planted 2. How many did they plant in all?

9 people were at the swimming pool. 4 left to go home. How many were left?

5 frogs hopped on the ground. 3 more came. How many were there altogether?

IO birds sat on the hill. Some eagles flew away and then there 7 left. How many birds flew away?

There are 12 boys and 8 girls in a class. How many students are there in all?

There are 8 small fish and 2 large fish in a tank. How many fish are in the tank?

5 blue cars and 3 red cards drove by. How many cars drove by altogether?

## Base Ten Numbers

Write the number represented with the base ten blocks.



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## Comparing Numbers

 Compare the two numbers. Use the greater than or less than sign. These are challenge questions for kindergarteners.


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| $53 \bigcirc 86$ | $74 \bigcirc 87$ |
| :---: | :---: |
| $71 \bigcirc 62$ | $90 \bigcirc 80$ |
| $85 \bigcirc 59$ | $67 \bigcirc 54$ |
| $61 \bigcirc 75$ | $52 \bigcirc 7$ |
| $55 \bigcirc 82$ | $\mathbf{q 2}$ $\qquad$ 8 |

## Follow the Rule

Read the rule at the top of each table. Fill in the missing number.


# Missing Parts 

Write the missing part.


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# Missing Parts 

Write the missing part.


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## Missing Numbers

| 1 |  | 3 | 4 | 5 |  | 7 | 8 |  | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| II | 12 | 13 |  | 15 | 16 |  | 18 | 19 |  |
| 21 | 22 |  | 24 | 25 | 26 | 27 |  | 29 | 30 |
|  | 32 | 33 |  | 35 |  | 37 | 38 |  | 40 |
| 41 |  | 43 | 44 |  | 46 | 47 |  | 49 | 50 |
| 51 | 52 |  | 54 | 55 | 56 |  | 58 | 59 |  |
|  | 62 | 63 |  |  | 66 | 67 | 68 |  | 70 |
| 71 |  | 73 | 74 | 75 |  | 77 | 78 | 79 | 80 |
| 81 | 82 |  | 84 | 85 | 86 |  | 88 |  | 90 |
| 91 | 92 | 93 |  | 95 | 96 | 97 |  | 99 | 100 |
| 101 | 102 | 103 | 104 |  | 106 |  | 108 | 109 | 110 |
|  | 112 | 113 |  | 115 | 116 | 117 |  | 119 | 120 |

## Build the Shape

Create these shapes using toothpicks and marshmallows.

triangle

square

rectangle

hexagon

# Build the Shape 

Create these shapes using pipecleaners.

square

oval

## Halves

Halves are the two equal parts of a whole.
Divide the shapes in halves using a pencil.


## 2D and 3D Shapes

 Color the 2D shapes purple. Color the 3D shapes green.

## I Spy 3D Shapes



# Graph the Shapes 

Look at the I Spy shapes page. Every time you see an object with one of the shapes, color a square. See which shape has the most!


## Graph the Shapes Data Answer these questions using the graph on the previous page.

1. Which shape had the most?
2. Which shape had the least?
3. Which shapes had the same amount?
4. How many more spheres are there than cubes?
5. Which is your favorite shape?

## Match the Time



## Match the Time



## Match the Time



## Match the Time



## Match the Time



## Match the Time




# Match the Time 

Match the time to the clock.

## 10:00

## 2:00

## 12:00

## ||:00

## 4:00

# Match the Time 

Match the time to the clock.

## 10:30

## 5:30

## |l:30

## 8:30

## 3:00

## 4:30

## Tell the Time

Write the time on the clocks.


# Measurement 

Measure the length of each item.


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## Games

## Higher Card

Take a deck of cards and remove the Ace, Jacks, Queens, Kings, and Joker. Divide the deck equally between two players. At the same time, flip over a card. The player with the higher number, gets to keep all the cards. Whoever has all the cards in the end is the winner.
(You can also play this game with a lower card version.)

## Addition Practice

Take a deck of cards and remove the Ace, Jacks, Queens, Kings, and Joker. Divide the deck equally between two players. At the same time, flip over two cards. Add the numbers together. The player with the highest sum gets to keep all the cards. Whoever has all the cards in the end is the winner.

## Ten Frame War

Print the next to pages of ten frames. Make two copies. Try to print them on colored paper or card stock paper so you can't see through the paper. After you cut the cards apart, divide the cards into two piles. Flip over a card at the same time. The player with the higher number gets to keep the cards. Whoever has all the cards in the end is the winner.


|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |



|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |




