## Grado 2 Matemáticas

## Paquete de actividades para el hogar del estudiante

Este Paquete de actividades para el hogar incluye un conjunto de 22 problemas prácticos que están alineados con importantes conceptos de matemáticas en los que sus estudiantes ya han trabajado durante este año.

Se recomienda que el estudiante complete una página de problemas de práctica cada día.

Anime al estudiante a hacer su mejor esfuerzo al trabajar en este contenido. Lo más importante es que continúe desarrollando sus habilidades y fluidez en matemáticas.
iMire los conceptos de Matemáticas del Grado 2 que cubre este paquete!


## Grado 2 Conceptos de matemáticas cubiertos en este paquete

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## Add.

1) $8+2=$ $\qquad$ (2) $8+3=$ $\qquad$
[3 $6+4=$ $\qquad$ 4) $6+8=$ $\qquad$
$57+3=$ $\qquad$ $67+5=$ $\qquad$
$79+1=$ $\qquad$ $89+6=$ $\qquad$
$95+5=$ $\qquad$ $105+8=$ $\qquad$
$119+2=$ $\qquad$ 12 $2+9=$ $\qquad$

13 $8+4=$ $\qquad$ $144+8=$ $\qquad$

15 $6+9=$ $\qquad$ $166+7=$ $\qquad$

17 Which strategy did you use to solve problem 11? Explain.
$\qquad$

## Add.

$14+4=$ $\qquad$ (2) $4+5=$ $\qquad$
3. $6+6=$ $\qquad$ 4 $5+6=$ $\qquad$
5. $7+7=$ $\qquad$ $68+7=$ $\qquad$
$79+9=$ $\qquad$ $88+9=$ $\qquad$
(9) $5+5=$ $\qquad$ $106+5=$ $\qquad$
$118+8=$ $\qquad$ (12) $7+8=$ $\qquad$

13 Which strategy did you use to solve problem 12? Explain why.

## Complete each set of equations.

$12-3=\square$

$$
3+\square=12
$$

$311-3=\square$

$$
3+\square=11
$$

(2) $14-5=\square$

$$
5+\square=14
$$

4 15-7= $\square$

$$
7+\square=15
$$

5. $12-\square=10$

$$
12-4=\square
$$

(6) $13-\square=10$
$13-6=\square$
$716-\square=10$
$16-9=\square$
$815-\square=10$

$$
15-9=\square
$$

9 In problem 6, how did you use your first answer to find your second answer?

## Solving Take-Apart Word Problems

$\qquad$

Solve problems 1-6.
1 Hailey buys 9 potatoes. 4 potatoes are white. The rest are red. How many red potatoes are there? Show your work.

Solution $\qquad$ potatoes are red.

2 Levi has 17 pet fish. 7 of the fish are goldfish. The rest are mollies. How many fish are mollies? Show your work.

Solution $\qquad$ fish are mollies.

3 Ada wants to read 12 books over the summer. 5 books are stories about cats. The rest are stories about horses. How many books are stories about horses? Show your work.

Solution $\qquad$ books are stories about horses.

4 There are 16 chairs at a table. 7 students sit down. The rest of the chairs are empty. How many chairs are empty? Show your work.

Solution $\qquad$ chairs are empty.

5 Luis sees 14 dogs at the dog park. 6 of the dogs are small dogs. The rest of the dogs are big dogs. How many dogs are big? Show your work.

Solution $\qquad$ dogs are big.

6 Sadie has 20 crayons. She finds 8 crayons in her desk. The rest of the crayons are in her crayon box. How many crayons are in Sadie's crayon box? Show your work.

Solution $\qquad$ crayons are in the crayon box.

7 Which strategy did you use to solve problem 6? Explain why.

# Solving Comparison Word Problems 

$\qquad$

## Solve problems 1-6. Show your work.

1 There are 4 fewer cats than dogs. There are 2 cats. How many dogs are there?

3 Anna has 7 baskets and some flowers. She has 5 fewer baskets than flowers. How many flowers does Anna have?

Anna has $\qquad$ flowers.

5 There are 9 apples. There are 6 fewer apples than oranges. How many oranges are there?
$\qquad$ oranges

2 Trevor sees 8 red birds. He sees 5 more red birds than blue birds. How many blue birds does Trevor see?

Trevor sees $\qquad$ blue birds.

4 There are 14 coats and some hats. There are 6 more coats than hats. How many hats are there?
$\qquad$ hats

6 Brynne has 13 books. She has 8 more books than games. How many games does Brynne have?

Brynne has $\qquad$ games.

## Ways to Solve Two-Step Problems

## Solve problems 1-6. Show your work.

1 Jack has 9 flowers to plant. He plants 2 flowers before lunch. Then he plants 3 more after lunch. How many flowers does Jack have left to plant?

Jack has $\qquad$ flowers left to plant.

3 Bella paints 6 pictures on Monday and 8 pictures on Wednesday. Then she paints 3 more pictures on Friday. How many pictures does Bella paint this week?

Bella paints $\qquad$ pictures this week.

5 Lucas has 5 crayons. His sister gives him 6 more. Then he gives 4 to a friend. How many crayons does Lucas have now?

2 There are 8 girls at the park. First, 5 girls go home. Then 6 more girls come to the park. How many girls are at the park now?

There are $\qquad$ girls at the park.

4 Ali puts 12 books in a box. She takes 4 books out of the box. Then she puts 6 books in the box. How many books are in the box now?

There are $\qquad$ books in the box.

6 Miss Brady puts 15 pencils in her desk. Then she takes out 9 pencils. After school she puts 5 pencils back in her desk. How many pencils are in Miss Brady's desk now?

There are $\qquad$ pencils in the desk.

Lucas has $\qquad$ crayons.

## Ways to Model Word Problems

## Solve problems 1-6. Show your work.

1 Tony has 37 building blocks. Then he buys more blocks. Now he has 51 blocks. How many blocks does Tony buy?

Tony buys $\qquad$ blocks.

3 Jen has some buttons. She gets 23 more buttons from her mom. Now she has 65 buttons. How many buttons did Jen have to begin with?

Jen had $\qquad$ buttons to begin with.

5 Ayanna reads 26 pages of her book at school. Later she reads more pages at home. Now she has read 54 pages. How many pages does Ayanna read at home?

Ayanna reads $\qquad$ pages at home.

2 There are some chairs in the art room. Mrs. Lopez brings in 16 more chairs. Now there are 42 chairs. How many chairs were in the room at the start?

There were $\qquad$ chairs in the room at the start.

4 Colby packs 31 boxes in one day. He packs 12 boxes in the morning and some boxes after lunch. How many boxes does Colby pack after lunch?

Colby packs $\qquad$ boxes after lunch.

6 The camp has some tents. Campers set up 42 more tents. Now the camp has 60 tents. How many tents did the camp have to begin with?

The camp had $\qquad$ tents to begin with.

Find the sums and missing addends.
$130+7+50+3=\underline{90}$
2. $37+53=$ $\qquad$

3 $20+8+40+2=$ $\qquad$ 4. $28+42=$ $\qquad$
5) $60+6+10+4=$ $\qquad$ 6 $66+14=$ $\qquad$
$740+5+40+5=$ $\qquad$ $845+\ldots=90$
$930+9+20+1=$ $\qquad$ $10 \ldots+21=60$
$1120+4+60+6=$ $\qquad$ $1224+\ldots=90$

13 $40+3+30+7=$ $\qquad$ 14 $\qquad$ $+37=80$

15 How does the information in problem 9 help you solve problem 10?

## Subtract.

1. $50-29=$ ?
$\frac{29+20}{49+1}=\frac{49}{50}$
$\frac{20+1}{20+21}$
$50-29=$
2. $71-45=$ ?


3 $80-41=$ ?

$80-41=$ $\qquad$
$4 \quad 63-28=$ ?

$63-28=$ $\qquad$

5. $43-28=$ ?
$\qquad$

$\qquad$

$+\quad=$
$\qquad$
$43-28=$ $\qquad$
$765-39=$ ?
$\qquad$
$\qquad$ $+\ldots=$
$\qquad$ $]_{L_{2}}+\ldots+$
$65-39=$ $\qquad$
$847-15$ ?
$\qquad$
$\qquad$
$L_{+}+\ldots$
$]_{L_{2}}^{+}+\ldots$
$47-15=$ $\qquad$
$975-28=$ ?

$75-28=$ $\qquad$
$1054-12=$ ?

$54-12=$ $\qquad$

13 How did you decide what to add first? Then how did you get the answer?

## Circle all the problems where you can regroup a ten to help subtract. Then solve the circled problems.

(1) $\begin{array}{r}32 \\ -16 \\ \hline 16\end{array}$
248
$-15$
357
$4 \quad 63$
$-25$
$-39$
576
$-26$
6 $\begin{array}{r}82 \\ -\quad 37\end{array}$
738
$-28$
$8 \begin{array}{r}53 \\ -44\end{array}$
$9 \quad 42$
1096
11
92
1265
$-25$
$-40$
$-56$
$-23$

1386
1459
$15 \quad 77$
$16 \quad 62$
$-19$
$-33$
$-48$
$-27$

17 How did you know which problems to circle?

18 Check one of your answers by solving it using a different strategy. Show your work.

## Solve.

$135+\quad 10=45$
2. $24+\quad=34$
$35+\ldots 20=55$
$35+\ldots 25=60$

33 $\begin{aligned} 42+ & =52 \\ 42+\square & =82 \\ 42+\square & =87\end{aligned}$
$451+$ $\qquad$ = 61
$51+$ $\qquad$ $=71$
$51+$ $\qquad$ $=76$
$526+$ $\qquad$

$$
=36
$$

$$
26+
$$

$\qquad$ $=66$
$26+$ $\qquad$ $=69$
$739+$ $\qquad$ $=40$ $39+$ $\qquad$ $=70$ $39+$ $\qquad$
$827+$ $\qquad$ $=30$ $27+\ldots=60$ $27+\ldots=65$
$944+\square=54$
$44+$ $\qquad$ $=64$
$44+$ $\qquad$ $=67$
$1069+\quad=70$ $69+\ldots=90$ $69+\ldots=93$
$658+$ $\qquad$

$$
=60
$$

$58+$ $=70$
$58+$ $\qquad$ $=71$
$\qquad$
$1133+\ldots=43$
$33+\square=73$

$$
33+\ldots=76
$$

$$
12 \begin{aligned}
48+\square & =50 \\
48+\square & =80 \\
48+\square & =85
\end{aligned}
$$

$1326+\ldots=70$
$32+$ $\qquad$ $=61$
$49+$ $\qquad$ $=95$
$1457+$ $\qquad$ $=83$
$34+$ $\qquad$ $=67$
$28+$ $\qquad$ $=53$
$1562+$ $\qquad$ $=85$

$$
\begin{array}{ll}
41+ & =96 \\
53+\ldots & =77
\end{array}
$$

$1619+$ $\qquad$ $=75$
$43+$ $\qquad$ $=87$

$$
68+\ldots=99
$$

17 Explain how the strategy to solve problem 5 is different from the strategy used to solve problem 6.

18 Explain the strategy you used to solve the first part of problem 14.

## Finding the Value of Three-Digit Numbers

$\qquad$

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1. $300+50+1=$ $\qquad$
(3) $400+20+6=$ $\qquad$
5 $600+40+2=$ $\qquad$

73 hundreds +7 tens +5 ones $=$
$\qquad$
9. $200+8=$ $\qquad$
$11600+70+1=$ $\qquad$
$13400+70+6=$ $\qquad$

153 hundreds +2 tens +3 ones $=$
$\qquad$
Answers:

| 233 | 607 | 476 | 323 | 267 | 671 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 426 | 513 | 526 | 208 | 642 | 462 |
| 332 | 375 | 280 | 351 |  |  |

## Writing Three-Digit Numbers

$\qquad$

## Write the number using only digits.

1 one hundred sixty-four $\qquad$

2 six hundred fifty-two $\qquad$

3 three hundred twelve $\qquad$

4 two hundred sixty-one $\qquad$

5 two hundred five

6 five hundred nineteen

Write the number using only digits.
$7100+10+6$ $\qquad$
$8500+4$
9. $300+40+5$
$10300+50+4$
$11400+60$
$12500+40$
$\qquad$

Write the number as a sum of hundreds, tens, and ones. Then write the number using words.

13522 $\qquad$ $+$ $\qquad$ $+$ $\qquad$

14435 $\qquad$ $+$ $\qquad$ $+$ $\qquad$

15218 $\qquad$ $+$ $\qquad$ $+$ $\qquad$

16310 $\qquad$ $+$ $\qquad$

17 Explain how problem 8 is the same and different from problem 12.

## Ways to Compare Three-Digit Numbers

$\qquad$

## Compare the numbers in each problem two different ways.

1 Compare 250 and 200.
$\qquad$ $<$ $\qquad$ and
$\qquad$ $>$ $\qquad$

3 Compare 346 and 325.
$\square><$ and

5 Compare 424 and 453.
$\qquad$ $<$ $\qquad$ and
$\qquad$ $>$ $\qquad$

7 Compare 637 and 682.
$\qquad$ $<$ $\qquad$ and
$\qquad$ $>$ $\qquad$

9 Compare 531 and 513.
$\qquad$
11 Compare 468 and 486.
$\qquad$

2 Compare 170 and 180.
$\qquad$ $<$ $\qquad$ and
$\qquad$ $>$ $\qquad$

4 Compare 235 and 261.
$\longrightarrow><$ and

6 Compare 833 and 824.
$\qquad$ $<$ $\qquad$ and
$\qquad$ $>$ $\qquad$

8 Compare 362 and 326.
$\qquad$ $<$ $\qquad$ and
$\qquad$ $>$ $\qquad$

10 Compare 714 and 741.


12 Compare 967 and 959.
$\qquad$

13 What strategies did you use to compare the numbers?

The answers are mixed up at the bottom of the page.
Cross out the answers as you complete the problems.

## 1635 <br> $+321$

2439
$+154$
3336
$+123$

4825

| +166 |
| :--- |

5
$\begin{array}{r}512 \\ +\quad 336 \\ \hline\end{array}$

8
347
$\begin{array}{r}+314 \\ \hline\end{array}$
$9 \quad 483$
$+208$
$10 \begin{array}{r}225 \\ +\quad 224 \\ \hline\end{array}$
11
$\begin{array}{r}548 \\ +406 \\ \hline\end{array}$

14
728
$+253$
$15 \begin{array}{r}627 \\ +263\end{array}$

Answers:

| 449 | 594 | 881 | 956 | 691 |
| :--- | :--- | :--- | :--- | :--- |
| 484 | 661 | 890 | 991 | 593 |
| 954 | 848 | 990 | 459 | 981 |

$\qquad$

Look at the hundreds digits in each problem. Circle those that will have a sum greater than $\mathbf{5 0 0}$. Then find the exact sums of only the problems you circled.


Circle all the problems where you must regroup a ten to subtract the ones. Then find the differences of only the problems you circled.

(1) | 875 |
| ---: |
| -646 |
| 229 |
| 4 |
| 4 |
|  |
| -245 |
| -224 |

2478
$-226$
3 692
$-437$
$5 \quad 761$
$-338$

6514
$-402$

7953
$-821$
8474
$-156$
$9 \quad 320$
$-210$
$10 \begin{array}{r}663 \\ -425\end{array}$
$11 \begin{array}{r}619 \\ -308 \\ \hline\end{array}$
12
847
$-628$

15375
$-163$

16 How can you tell by looking at the problem if you need to regroup a ten to subtract the ones?

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1816
$-432$

4448
$\begin{array}{r}-160 \\ \hline\end{array}$
2. 927
$-563$
3506
$-315$

5743
$-471$
6476
$\begin{array}{r}-293 \\ \hline\end{array}$
$7 \quad 628$
$-236$
8961
$-470$
9527
$-256$
$10 \quad 347$
$-154$
11835
$-285$
12624
$-382$
$13 \quad 329$
$-170$
$14 \begin{array}{r}465 \\ -\quad 195 \\ \hline\end{array}$
15519
$-378$

Answers:

| 193 | 242 | 191 | 384 | 272 |
| :--- | :--- | :--- | :--- | :--- |
| 364 | 271 | 491 | 288 | 392 |
| 183 | 141 | 550 | 159 | 270 |

Find the sum. Show your work.
$1 \underbrace{29+34+21+36}_{50+70}$
2. $45+38+62+15$
$\qquad$
3) $17+36+43+74$
$455+49+71+15$

5 $32+24+68+46$
$627+19+33+81$
$732+13+29+35$
$853+74+13+44$
$\qquad$
$924+12+74+68$
$1092+37+71+14$
$\qquad$

11 Explain how you found the answer to problem 8.
$\qquad$

1 Use a ruler to measure the length of the piece of tape in inches.
$\square$
What is the length of the tape? $\qquad$ inches

2 Use a ruler to measure the length of the pencil in inches.


What is the length of the pencil? $\qquad$ inches

3 Use a ruler to measure the length of the shoe in centimeters.


What is the length of the shoe? $\qquad$ centimeters

4 Use a ruler to measure the length of the fish in centimeters.


What is the length of the fish? $\qquad$ centimeters

5 Use a ruler to measure the length of the string in both inches and centimeters.

What is the length of the string in inches? $\qquad$ inches

What is the length of the string in centimeters? $\qquad$ centimeters

6 Use a ruler to measure the length of the rectangle in both inches and centimeters.
$\square$
What is the length of the rectangle in inches? $\qquad$ inches
What is the length of the rectangle in centimeters? $\qquad$ centimeters

7 For problem 6, did you write different numbers for the length in inches and the length in centimeters? Explain.
$\qquad$

1 Circle the objects that are easier to measure with an inch ruler. Underline the objects that are easier to measure with a yardstick.
a bike
a leaf
a table
a book
a sticker

2 Circle the objects that are easier to measure with an inch ruler. Underline the objects that are easier to measure with a yardstick.
a window a cracker
a tent
a marker
a blanket

3 What is the length of the rectangle to the nearest inch?


The rectangle is about $\qquad$ inches long.
$\qquad$

4 What is the length of the baseball bat to the nearest foot?


The baseball bat is about $\qquad$ feet long.

5 What is the length of the branch to the nearest foot?


The branch is about $\qquad$ foot long.

## Measuring in Centimeters and Meters

$\qquad$

1 Circle the objects that are easier to measure with a centimeter ruler. Underline the objects that are easier to measure with a meter stick.
a rug
a mitten
a pool
a bee
a shell

2 Circle the objects that are easier to measure with a centimeter ruler. Underline the objects that are easier to measure with a meter stick.
a porch
a spoon
a watch
a bus
a lunch bag

3 What is the length of the tape to the nearest centimeter?


The tape is about $\qquad$ centimeters long.

Name: $\qquad$

4 What is the length of the bench to the nearest meter?


The bench is about $\qquad$ meter long.

5 What is the length of the rectangle to the nearest centimeter?


The rectangle is about $\qquad$ centimeters long.

