LOCAL DISTRICT SOUTH

uccessful Students,
upporting Schools &
trengthening Communities

Local District South
Elementary Mathematics

Grade 3

10 Days of Math
Take Home Packet

Name:

Estimado Padre o Guardián,

El Distrito Local del Sur está dedicado en poder apoyar a sus hijos y familias. Este recurso esta diseñado para proveer una lección diaria de matemáticas para alumnos de Tercer grado.

Hay 10 actividades de matemáticas para completar en 10 días. Cada día tiene dos secciones:

- Un repaso de destrezas básicas
- Resolver problemas

Páginas extras están incluidas al final de este paquete.

También recomendamos los siguientes sitios del internet para apoyar las destrezas:

- **ABCYA**
  https://www.abcya.com/grades/3/numbers

- **Math-Play**
  http://www.math-play.com/3rd-grade-math-games.html

- **Math Playground – games, math videos, etc.**
  https://www.mathplayground.com/grade_3_games.html

- **Splash Learn**
  https://www.splashlearn.com/math-skills/second-grade

- **Disfruta las Matematicas**
  https://www.disfrutalasmatematicas.com

- **Happy Numbers**
- https://www.happynumbers.com

Gracias por su apoyo continuo en el aprendizaje de sus hijos!

Dear Parent or Guardian,

Local District South is committed to supporting our students and their families. This resource is designed to provide daily math practice and review for your 3rd grade student.

There are a total 10 days of math activities. Each day has two different sections:

- Daily review of basic math skills
- Problem Solving

Extra practice pages are also included at the end of the packet.

We also recommend the following online resources:

- **ABCYA**
  https://www.abcya.com/grades/3/numbers
- **Math-Play**
  http://www.math-play.com/3rd-grade-math-games.html
- **Math Playground – games, math videos, etc.**
  https://www.mathplayground.com/grade_3_games.html
- **Splash Learn**
  https://www.splashlearn.com/math-skills/third-grade

Thank you for your continued partnership!

DAY 1

1.	2.	3.	4.
45 + 6	32 + 4	72 + 23	89 +52

Are the following numbers even or odd?

5. 29 _____ 6. 34 _____

How many hundreds, tens, and ones are in the following number?

524

7. hundreds _____ 8. tens _____

9. ones _____

What is the following number?

10. 700+80+4 _____

DAY 1, CONTINUED

1. What unknown number makes this equation true?

$$\square = 763 + 29$$

2.

a. When rounding to the nearest hundred, what is the **greatest** whole number that rounds to 500?

b. When rounding to the nearest ten, what is the **least** whole number that rounds to 520?

c. When rounding to the nearest ten, what is the **greatest** whole number that rounds to 520?

GR. 3 MATH TAKE HOME PACKET

DAY 2

In what place is the bolded number?

1. **3**,982 _____ 2. 3,**9**31 _____

What is the value of the bolded number?

3. **4**,928 _____ 4. 6,4**2**1 _____

Round the following numbers to the thousands place.

5. 3,492 _____ 6. 9,762 _____

7. 4,292 _____ 8. 8,382 _____

Add the following numbers.

9. 34 35 + 23	10. 82 36 + 46	11. 72 34 + 43	12. 23 97 + 65	13. 99 47 + 68
14. 489 + 341	15. 829 + 325	16. 382 + 328	17. 281 + 238	18. 719 + 382

Write the following numbers in expanded form.

19. 34,219 _____

20. 94,081 _____

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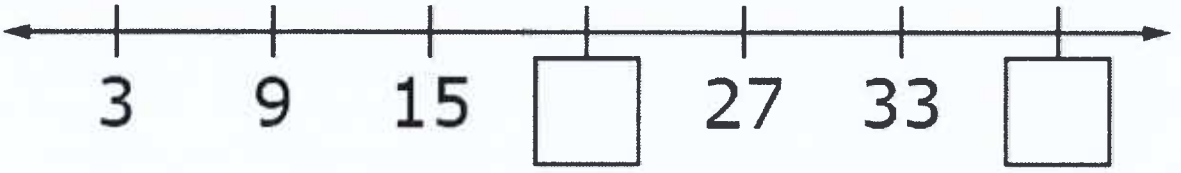
DAY 2, CONTINUED

1. Enter the two numbers that belong in the boxes on the number line.



2. Decide whether each equation is true or false.

Mark true or False for each equation.

	True	False
8 x 2 = 4 x 6	☐	☐
7 x 3 = 3 x 7	☐	☐
5 x 6 = 3 x 10	☐	☐

3. What number goes in the box to make the equation true?

$$\frac{\square}{1} = 5$$

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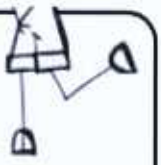
DAY 3



What is the value of the bolded number?

1. **4**,325 _____ 2. **2**,352 _____

Round the following numbers to the hundreds place.

3. 392 _____ 4. 823 _____

Write the following numbers in expanded form.

5. 4,876 _____

6. 7,984 _____

Create an array for the following multiplication facts

7. 4 x 5 8. 2 x 4

Add the following numbers.

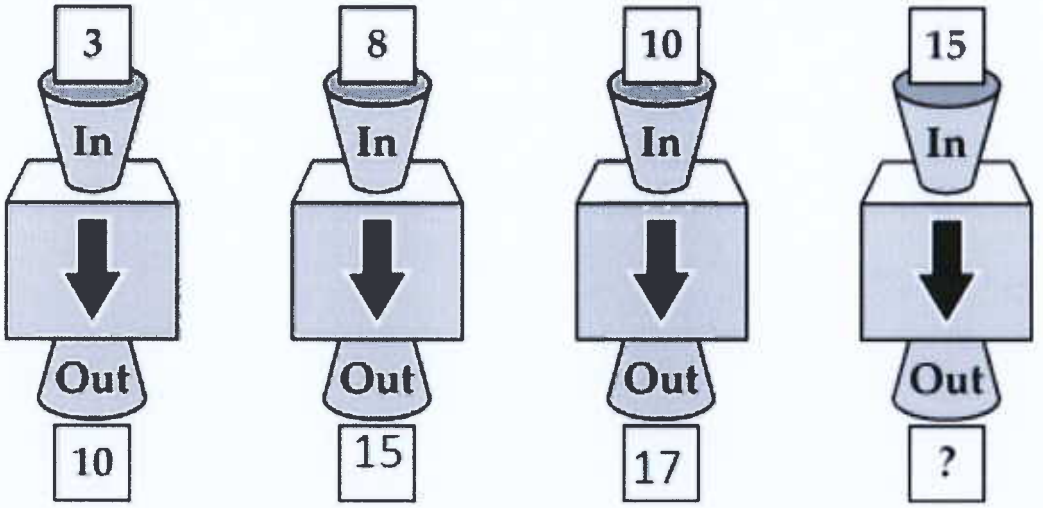
9.	10.	11.	12.	13.
38	92	372	323	935
+ 92	+ 39	+ 903	+ 326	+ 536
_____	_____	_____	_____	_____

Subtract the following numbers.

14.	15.	16.	17.	18.
832	850	832	835	723
- 421	- 245	- 67	- 38	-388
_____	_____	_____	_____	_____

DAY 3, CONTINUED

4. An input/output machine is shown.
   - The same rule is used for each number that is put in the machine.
   - Three numbers that came out of the machine are shown.



What number comes out of the machine when 15 is put in? Enter your answer in the response box.

1. There are 123 girls and 135 boys in the third grade at a school. Today there are a total of 9 third grade students absent. Which equation can be used to find the total number of third grade students (s) in school today?

   A. $123 + 135 = s$

   B. $135 - 9 = s$

   C. $123 + 135 + 9 = s$

   D. $123 + 135 - 9 = s$

GR. 3 MATH TAKE HOME PACKET

DAY 4

What is the value of the bolded number?

1. 90,**3**51 _____ 2. **4**,191 _____

Round the following numbers to the hundreds place.

3. 671 _____ 4. 105 _____

Write the following number in expanded form.

5. 2,987 _____

Solve the following problems.

6.	7.	8.	9.	10.
28	94	642	643	460
+ 42	- 37	+ 353	- 76	- 316

Solve the following division problems with an array and repeated subtraction.

	Array	Repeated Subtraction
11. 24÷4=		
12. 36÷9=		

DAY 4, CONTINUED

1. The table shows the start and end times for runners in a race.

Racing Times		
Runner	**Start Time**	**End Time**
Mike	12:03 p.m.	12:26 p.m.
Ann	12:10 p.m.	12:17 p.m.
John	12:13 p.m.	12:19 p.m.
Patty	12:16 p.m.	12:25 p.m.

What is the difference, in minutes, between Patty's start time and Mike's start time? Enter your number in the response box.

2. What unknown number makes the equation true?

$$763 - 96 = \square$$

3. In the response box, enter the fraction located at Point A on the number line.

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DAY 5

What is the value of the bolded number?

1. 2**3**,022 _____ 2. 2,9**2**4 _____

Round the following numbers to the hundreds place.

3. 754 _____ 4. 883 _____

Write the following number in expanded form.

5. 4,427 _____

Solve the following problems.

6.	7.	8.	9.
47	873	964	793
+ 52	+987	- 782	- 536

Solve the following problems with an array and repeated addition/subtraction.

10. 7x3=

Array	Repeated Addition

11. 20÷4=

Array	Repeated Subtraction

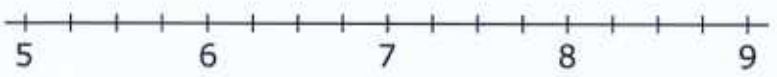
Identify the fraction.

DAY 5, CONTINUED

1. Students pulled classroom objects from a bag and measure them in inches. They used this data to make a line plot.

   Write an "X" above the tick marks to complete the line plot that displays the data.

Objects	Length (in)
Pen	$5\frac{1}{2}$
Scissors	$7\frac{3}{4}$
Stapler	$7\frac{1}{4}$
Calculator	$6\frac{1}{2}$
Notepad	$8\frac{1}{4}$



Length of Objects (in)

2. What unknown number makes this equation true?

$$763 + 7 = 700 + \square$$

3. What unknown number makes the equation true?

$$763 + 43 = 800 + \square$$

GR. 3 MATH TAKE HOME PACKET

DAY 6

In what place is the bolded number?

1. **3**,982 _____ 2. 3,**9**31 _____

Round the following numbers to the thousands place.

3. 3,492 _____ 4. 2,762 _____

Write the following number in expanded form.

5. 4,219 _____

Solve the following problems.

6.	7.	8.	9.
480	824	382	281
- 341	- 325	- 328	- 38

Solve the following problems with an array and repeated addition.

10. 6x4=

Array	Repeated Addition

Identify the fractions.

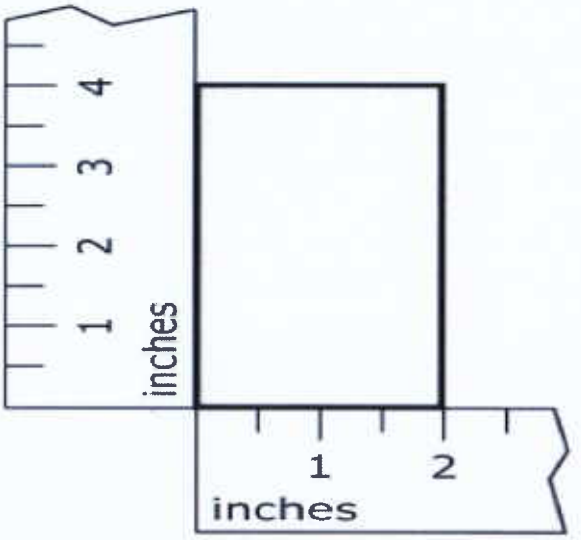
11. 

12. 

13. 

DAY 6, CONTINUED

1. This rectangle can be divided into equal parts. Shade $\frac{1}{4}$ of the rectangle.



2. Jan divides 36 pens into groups.
   - Each group has the same number of pens.
   - Jan uses all of the pens.

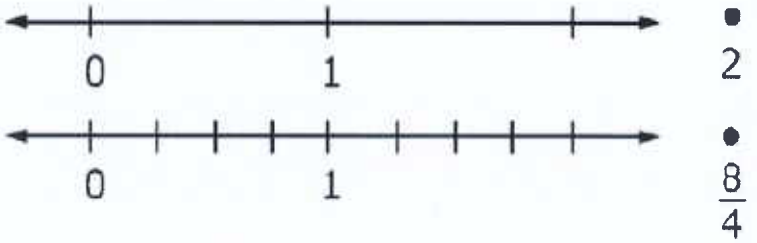
   For each number of pens in a group, mark Yes or No to show if Jan can create groups that each have that number of pens.

	Yes	No
2 pens in each group	☐	☐
3 pens in each group	☐	☐
5 pens in each group	☐	☐
6 pens in each group	☐	☐
10 pens in each group	☐	☐

3. Compare $\frac{8}{4}$ and 2.

   Part A

   Plot each number on a number line.



   Part B

   $\frac{8}{4}$ ☐ 2 Use $<$, $>$, or $=$ to fill in the box.

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DAY 7

In what place is the bolded number?

1. 3,788 _____ 2. 8,931 _____

Round the following numbers to the thousands place.

3. 3,785 _____ 4. 2,005 _____

Solve the following problems.

5. 750 - 341 = _____

6. 800 - 325 = _____

7. 608 - 328 = _____

8. 721 - 38 = _____

9. 600 - 382 = _____

Solve the following problems.

10. 20 x 7 = _____

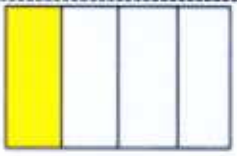
11. 30 x 2 = _____

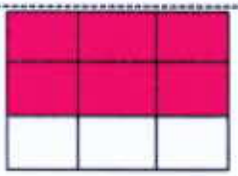
12. 30 x 5 = _____

13. 50 x 3 = _____

14. 70 x 6 = _____

Identify the fractions.

11. 

12. 

13. 

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DAY 7, CONTINUED

1. **Part A**: Which comparison between $\frac{1}{5}$ and $\frac{1}{8}$ is correct?

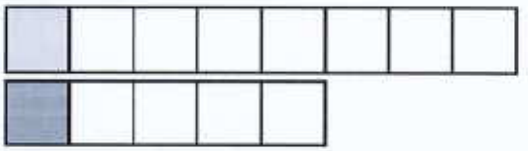
   A. $\frac{1}{5} < \frac{1}{8}$

   B. $\frac{1}{5} > \frac{1}{8}$

   C. $\frac{1}{5} = \frac{1}{8}$

Part B: Choose a picture that supports your answer in *Part A.*

D.



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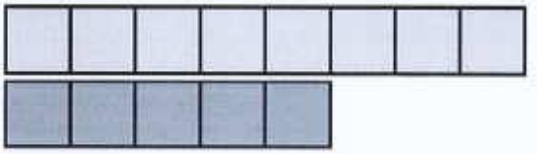

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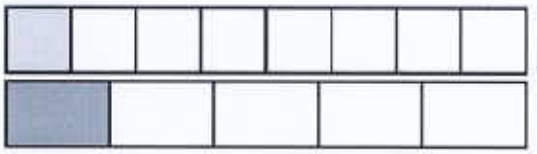


2. Paul made a number line to show the times he started reading and finished reading.

Paul read for 45 minutes.

Which number line shows 4:00 p.m. in the correct place on Paul's number line?

Ⓐ

Ⓑ

Ⓒ

Ⓓ

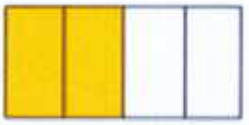
GR. 3 MATH TAKE HOME PACKET

DAY 8

In what place is the bolded number?

1. 8,8**6**4 _____ 2. 9,**9**60 _____ 3. **7**85 _____

Identify the following fractions.



4. _____

5. _____

6. _____

Solve the following problems with an array and repeated addition.

7. 5x6=

Array	Repeated Addition

8. 9x3=

Array	Repeated Addition

Solve the following problems with an array and repeated subtraction.

9. 32÷4=

Array	Repeated Subtraction

10. 45÷5=

Array	Repeated Subtraction

DAY 8, CONTINUED

1. What unknown number makes this equation true?

$$63 = \square \times 7$$

2. What unknown number makes the equation true?

$$763 - 97 = 763 - 100 + \square$$

3. What unknown number makes the equation true?

$$763 - 103 = 763 - 100 - \square$$

GR. 3 MATH TAKE HOME PACKET

DAY 9

Round the following numbers to the hundreds place.

1. 783 _____ 2. 8,582 _____ 3. 6,169 _____

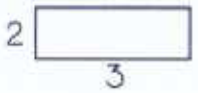
Solve the following problems.

4. 742 - 157 = _____
5. 200 - 21 = _____
6. 401 - 328 = _____
7. 611 - 76 = _____
8. 381 - 56 = _____

Solve the following problems.

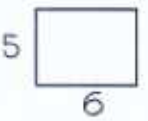
9. 502 x 9 = _____
10. 742 x 6 = _____
11. 469 x 5 = _____
12. 276 x 7 = _____
13. 348 x 8 = _____

Find the area and perimeter.



A=_____
P=_____

A=_____
P=_____



A=_____
P=_____

Solve the following problems with an array and repeated subtraction.

9. 36÷4=

Array	Repeated Subtraction

DAY 9, CONTINUED

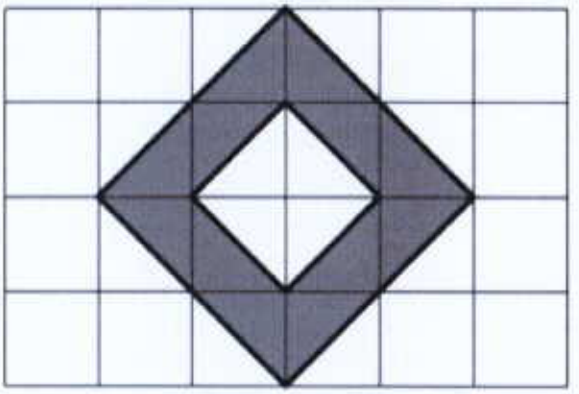
1. Enter the unknown numbers that make each equation true.

   Enter the first unknown number in the first box.
   Enter the second unknown number in the second box.

$$5 \times 8 = \square$$

$$8 \times 7 = \square$$

2. Use this diagram to solve the problem. In the response box, write the area, in square units, of the shaded figure.



3. There are 3 bookcases in a classroom.

   - Each bookcase has 2 shelves.
   - Each shelf has the same number of books (n).
   - There are 54 books in all.

Which equation can be solved to find the total number of books (n) on each shelf?

a. $3 \times 2 + n = 54$

b. $3 + 2 + n = 54$

c. $3 + 2 \times n = 54$

d. $3 \times 2 \times n = 54$

GR. 3 MATH TAKE HOME PACKET

DAY 10

Round the following numbers to the hundreds place.

1. 391 _____ 2. 572 _____ 3. 8,032 _____

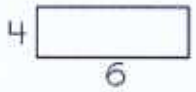
Solve the following problems.

4. 743 - 157 5. 503 - 21 6. 440 - 328 7. 782 - 76 8. 101 - 56

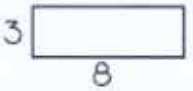
Solve the following problems.

9. 692 x 3 10. 782 x 6 11. 480 x 5 12. 358 x 7 13. 461 x 7

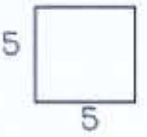
Find the area and perimeter.



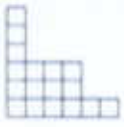
A=_____
P=_____



A=_____
P=_____

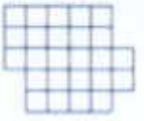


A=_____
P=_____



A=_____
P=_____

A=_____
P=_____



A=_____
P=_____

GR. 3 MATH TAKE HOME PACKET

DAY 10, CONTINUED

1. What unknown number makes this equation true?

$$760 - 70 = 760 - 60 - \square$$

2. What unknown number makes the equation true?

$$763 - 43 = 763 - 40 - \square$$

3. Use the following numbers inside each box to make each statement true.

2

3

4

6

8

$\frac{\square}{\square} = 1$

$\frac{\square}{\square} < 1$

$\frac{\square}{\square} > 1$

GR. 3 MATH TAKE HOME PACKET

EXTRA PRACTICE

What is the value of the bolded number?

1. 97,29**1** _____ 2. 56,9**2**4 _____

Round the following numbers to the hundreds place.

3. 784 _____ 4. 469 _____

Write the following number in expanded form.

5. 7,907 _____

Solve the following problems.

6.	7.	8.	9.	10.
78	89	999	675	768
+ 42	+ 83	+ 272	+ 782	+ 893
_____	_____	_____	_____	_____

Solve the following problems.

11.	12.	13.	14.	15.
542	894	120	811	289
- 468	-269	- 34	- 38	- 68
_____	_____	_____	_____	_____

Model the following fractions on a number line.

16. three-fifths 17. one-third

GR. 3 MATH TAKE HOME PACKET

EXTRA PRACTICE

What is the value of the bolded number?

1. 1,**2**08 _____ 2. 1,2**4**1 _____

Round the following numbers to the hundreds place.

3. 346 _____ 4. 992 _____

Write the following numbers in expanded form.

5. 2,591 _____

6. 8,081 _____

Add the following numbers.

7.	8.	9.	10.	11.
75	92	824	293	146
+ 92	+ 40	+ 291	+ 926	+ 526

Subtract the following numbers.

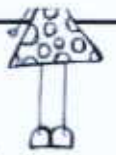
12.	13.	14.	15.	16.
927	975	237	201	532
-421	- 245	- 67	- 38	- 388

Complete the fact family

17. 12-4=8 _____ _____ _____

GR. 3 MATH TAKE HOME PACKET

EXTRA PRACTICE



What is the value of the bolded number?

1. 4,218 _____ 2. 1,431 _____

Round the following numbers to the hundreds place.

3. 492 _____ 4. 762 _____

Write the following numbers in expanded form.

5. 4,742 _____

6. 4,911 _____

Add the following numbers.

7. 34 + 35 + 75

8. 722 + 343

9. 992 + 475

10. 678 + 338

Subtract the following numbers.

11. 480 - 341

12. 382 - 38

13. 281 - 238

14. 719 - 382

Complete the fact family

15. 3 + 6 = 9 _____ _____ _____

GR. 3 MATH TAKE HOME PACKET

EXTRA PRACTICE

1. $\begin{array}{r} 54 \\ +\ 6 \\ \hline \end{array}$

2. $\begin{array}{r} 84 \\ +\ 8 \\ \hline \end{array}$

3. $\begin{array}{r} 37 \\ +\ 43 \\ \hline \end{array}$

4. $\begin{array}{r} 39 \\ +54 \\ \hline \end{array}$

Compare the following numbers using <, =, >

5. 45 ___ 78

6. 28 ___80

How many hundreds, tens, and ones are in 784?

7. hundreds _____

8. tens _____

9. ones _____

What time does the clock show?

10. _____

GR. 3 MATH TAKE HOME PACKET

EXTRA PRACTICE

What is the value of the bolded number?

1. 32,2**9**1 _____ 2. 9**2**4 _____

Round the following numbers to the hundreds place.

3. 136 _____ 4. 789 _____

Write the following number in expanded form.

5. 4,202 _____

Solve the following problems.

6.	7.	8.	9.	10.
46	47	363	900	342
+ 42	+ 83	- 272	- 782	- 193

Solve the following division problems with an array and repeated subtraction.

11. 12÷4=

Array	Repeated Subtraction

12. 42÷6=

Array	Repeated Subtraction

Draw and label the following fractions.

13. three fifths 14. One half 15. One fourth

GR. 3 MATH TAKE HOME PACKET

EXTRA PRACTICE

Round the following numbers to the hundreds place.

1. 391 _____ 2. 572 _____ 3. 8,032 _____

Solve the following problems.

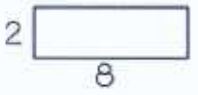
4. 545 - 157 5. 600 - 21 6. 922 - 328 7. 321 - 76 8. 753 - 56

Solve the following problems.

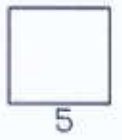
9. 458 x 9 10. 349 x 6 11. 928 x 5 12. 392 x 7 13. 200 x 80

Find the area and perimeter.

A=_____
P=_____



A=_____
P=_____



A=_____
P=_____

Solve the following problems with an array and repeated subtraction.

9. 49÷7=

Array	Repeated Subtraction