

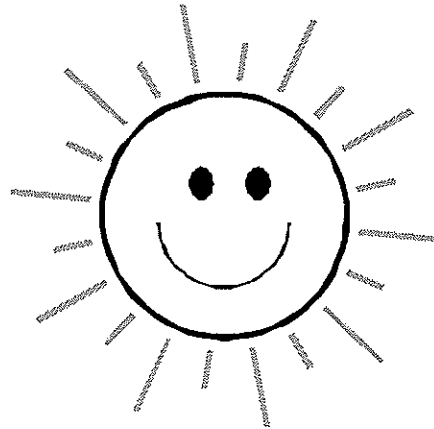


**DEMOCRACY PREP**  
**HARLEM ELEMENTARY**  
*Work Hard. Go to College. Change the World!*

# Incoming 3rd Grade Summer Homework Packet

Please have this ready for the start of the  
2021-2022 school year!

Have a great Summer!



Name: \_\_\_\_\_



**DEMOCRACY PREP**  
**HARLEM ELEMENTARY**  
*Work Hard. Go to College. Change the World!*

Dear incoming 3<sup>rd</sup> grader,

We are so proud of the growth that you have made this year! This summer homework packet will ensure you don't lose any of your hard-earned academic growth over the summer.

All the work in this packet must be neat and complete, just like what we expect during the school year. This lets us read all of your great work! Scholars will turn in this completed homework packet when school begins and will receive credit for completing all work. Each week, you have some reading, math, and writing.

For your reading log, **you must choose 1 of the following titles**. PDFs (digital copies) of these novels can be found by going to DPHE's website ([dphes.democracyprep.org](http://dphes.democracyprep.org)) → Resources → Summer Homework. Once you finish the novel you picked, you can read any book you like from home, the library, or on Epic Books.

Book Choices:

- *My Name is Maria Isabel* by Alma Flor Ada
- *Fantastic Mr. Fox* by Roald Dahl

If you have any questions regarding summer homework, please do not hesitate to reach out to Ms. Palmer (Principal) or Ms. Roberts (Assistant Principal).

Have a wonderful, safe summer! We look forward to seeing you in the 2021-2022 school year!

Sincerely,  
The DPHE Team

Ms. Palmer – Principal  
Phone: 917-597-2051  
Email: [Chelsey.palmer@democracyprep.org](mailto:Chelsey.palmer@democracyprep.org)

Ms. Roberts – Assistant Principal  
Phone: 917-576-6527  
Email: [Allison.roberts@democracyprep.org](mailto:Allison.roberts@democracyprep.org)

*NOTE: If you are opting for the virtual summer homework option, please check the Democracy Prep Harlem Elementary website ([dphes.democracyprep.org](http://dphes.democracyprep.org)) for details.*

# Week of July 5-9



**DEMOCRACY PREP**  
HARLEM ELEMENTARY

*Work Hard. Go to College. Change the World!*

## Daily Reading Log

**Directions:** Choose 1 novel from the DPHE website to read this summer. *When you finish that novel, you can choose any book from home, the library, or Epic books (create an account).* Read every day for at least 20 minutes. Complete a daily reading log each day after reading.

Day	Title	Author	Page Numbers	Minutes Read	Parent Signature
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					

A

Number Correct: \_\_\_\_\_

Adding Multiples of Ten and Some Ones

1.	$40 + 3 =$	
2.	$40 + 8 =$	
3.	$40 + 9 =$	
4.	$40 + 10 =$	
5.	$41 + 10 =$	
6.	$42 + 10 =$	
7.	$45 + 10 =$	
8.	$45 + 11 =$	
9.	$45 + 12 =$	
10.	$44 + 12 =$	
11.	$43 + 12 =$	
12.	$43 + 13 =$	
13.	$13 + 43 =$	
14.	$40 + 20 =$	
15.	$41 + 20 =$	
16.	$42 + 20 =$	
17.	$47 + 20 =$	
18.	$47 + 30 =$	
19.	$47 + 40 =$	
20.	$47 + 41 =$	
21.	$47 + 42 =$	
22.	$45 + 42 =$	

23.	$45 + 44 =$	
24.	$44 + 45 =$	
25.	$30 + 20 =$	
26.	$34 + 20 =$	
27.	$34 + 21 =$	
28.	$34 + 25 =$	
29.	$34 + 52 =$	
30.	$50 + 30 =$	
31.	$56 + 30 =$	
32.	$56 + 31 =$	
33.	$56 + 32 =$	
34.	$32 + 56 =$	
35.	$23 + 56 =$	
36.	$24 + 75 =$	
37.	$16 + 73 =$	
38.	$34 + 54 =$	
39.	$62 + 37 =$	
40.	$45 + 34 =$	
41.	$27 + 61 =$	
42.	$16 + 72 =$	
43.	$36 + 42 =$	
44.	$32 + 54 =$	

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Solve vertically. Use the place value chart and chips to model each problem. Show how you change 1 ten for 10 ones, when necessary. The first one has been started for you.

<p>a. <math>42 - 26 =</math> _____</p>	
<p>b. <math>54 - 28 =</math> _____</p>	
<p>c. <math>60 - 17 =</math> _____</p>	

2. Solve vertically. Draw a place value chart and chips to model each problem. Show how you change 1 ten for 10 ones, when necessary.

a. $31 - 19 = \underline{\hspace{2cm}}$	b. $47 - 24 = \underline{\hspace{2cm}}$
c. $51 - 39 = \underline{\hspace{2cm}}$	d. $67 - 44 = \underline{\hspace{2cm}}$
e. $76 - 54 = \underline{\hspace{2cm}}$	f. $82 - 59 = \underline{\hspace{2cm}}$





# Week of July 12-16



**DEMOCRACY PREP**  
**HARLEM ELEMENTARY**

*Work Hard. Go to College. Change the World!*

## Daily Reading Log

**Directions:** Choose 1 novel from the DPHE website to read this summer. *When you finish that novel, you can choose any book from home, the library, or Epic books (create an account).* Read every day for at least 20 minutes. Complete a daily reading log each day after reading.

Day	Title	Author	Page Numbers	Minutes Read	Parent Signature
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					

**A**

Number Correct: \_\_\_\_\_

Add and Subtract Ones and Tens

1.	$3 + 1 =$	
2.	$30 + 10 =$	
3.	$31 + 10 =$	
4.	$31 + 1 =$	
5.	$3 - 1 =$	
6.	$30 - 10 =$	
7.	$35 - 10 =$	
8.	$35 - 1 =$	
9.	$47 + 10 =$	
10.	$10 - 1 =$	
11.	$80 - 1 =$	
12.	$40 + 20 =$	
13.	$43 + 20 =$	
14.	$43 + 2 =$	
15.	$40 - 20 =$	
16.	$45 - 20 =$	
17.	$45 - 2 =$	
18.	$57 + 2 =$	
19.	$57 - 20 =$	
20.	$10 - 2 =$	
21.	$50 - 2 =$	
22.	$51 - 2 =$	

23.	$50 + 30 =$	
24.	$54 + 30 =$	
25.	$54 + 3 =$	
26.	$50 - 30 =$	
27.	$59 - 30 =$	
28.	$59 - 3 =$	
29.	$67 + 30 =$	
30.	$67 - 30 =$	
31.	$67 - 3 =$	
32.	$40 - 3 =$	
33.	$42 - 3 =$	
34.	$30 + 40 =$	
35.	$32 + 40 =$	
36.	$32 + 4 =$	
37.	$70 - 40 =$	
38.	$76 - 40 =$	
39.	$76 - 4 =$	
40.	$53 + 40 =$	
41.	$53 + 4 =$	
42.	$53 - 40 =$	
43.	$90 - 4 =$	
44.	$92 - 4 =$	

Name \_\_\_\_\_

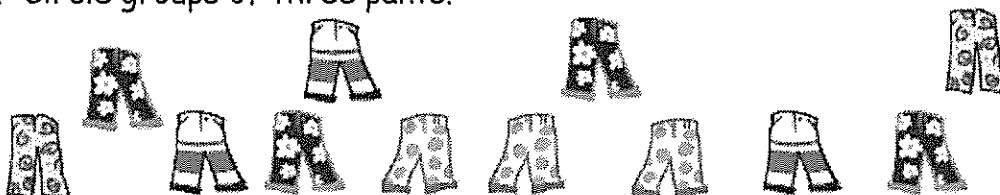
Date \_\_\_\_\_

1. Circle groups of two shirts.



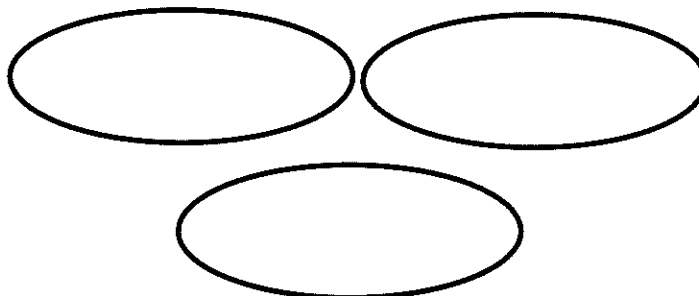
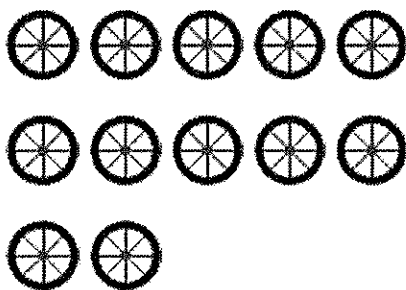
There are \_\_\_\_\_ groups of two shirts.

2. Circle groups of three pants.



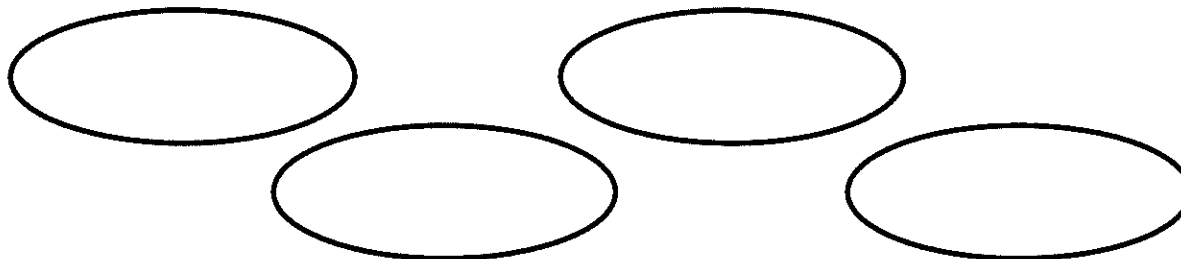
There are \_\_\_\_\_ groups of three pants.

3. Redraw the 12 wheels into 3 equal groups.



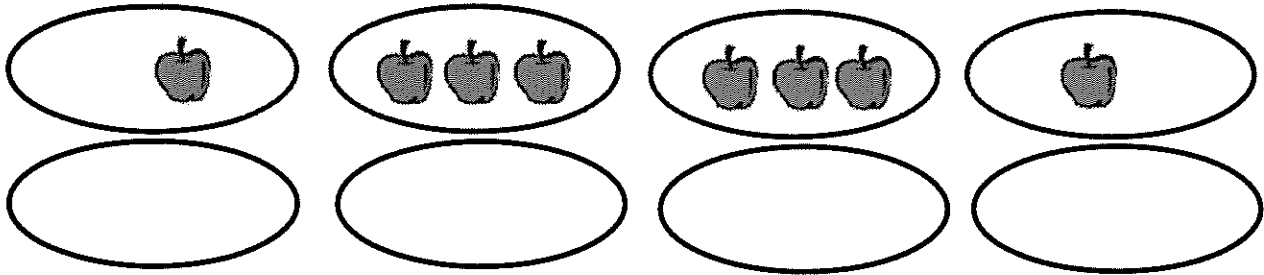
3 groups of \_\_\_\_\_ wheels

4. Redraw the 12 wheels into 4 equal groups.



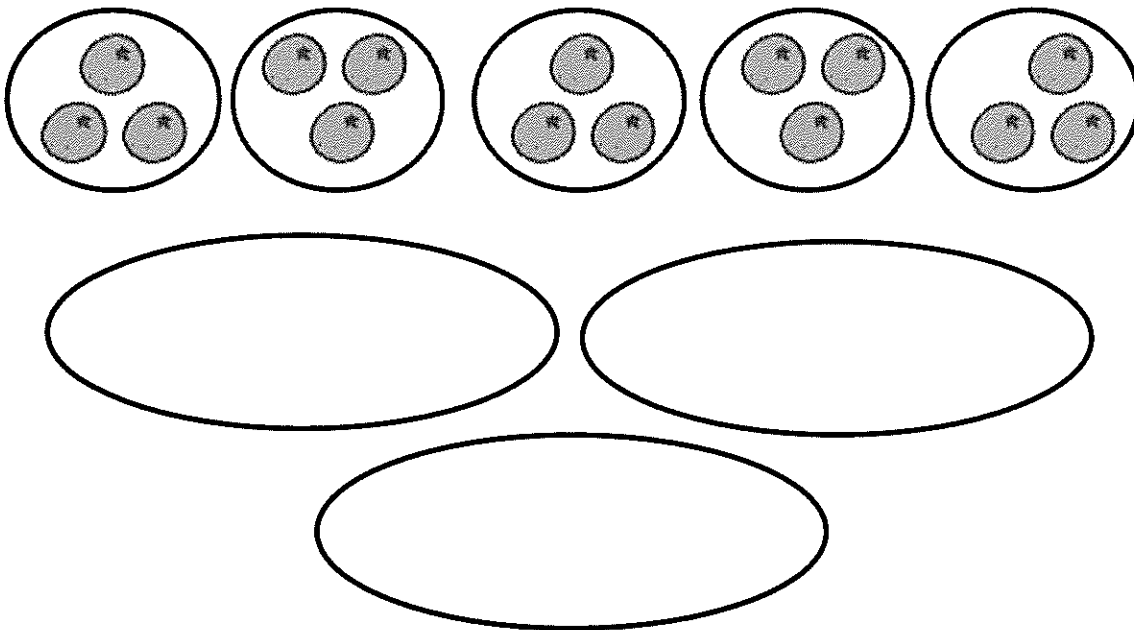
4 groups of \_\_\_\_\_ wheels

5. Redraw the apples to make each of the 4 groups have an equal amount.



4 groups of \_\_\_\_\_ apples = \_\_\_\_\_ apples.

6. Redraw the oranges to make 3 equal groups.



3 groups of \_\_\_\_\_ oranges = \_\_\_\_\_ oranges.



# Week of July 19-23



**DEMOCRACY PREP**  
HARLEM ELEMENTARY

*Work Hard. Go to College. Change the World!*

## Daily Reading Log

**Directions:** Choose 1 novel from the DPHIE website to read this summer. *When you finish that novel, you can choose any book from home, the library, or Epic books (create an account).* Read every day for at least 20 minutes. Complete a daily reading log each day after reading.

Day	Title	Author	Page Numbers	Minutes Read	Parent Signature
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					



# A

Number Correct: \_\_\_\_\_

## Subtraction Within 20


1.	$11 - 10 =$	
2.	$12 - 10 =$	
3.	$13 - 10 =$	
4.	$19 - 10 =$	
5.	$11 - 1 =$	
6.	$12 - 2 =$	
7.	$13 - 3 =$	
8.	$17 - 7 =$	
9.	$11 - 2 =$	
10.	$11 - 3 =$	
11.	$11 - 4 =$	
12.	$11 - 8 =$	
13.	$18 - 8 =$	
14.	$13 - 4 =$	
15.	$13 - 5 =$	
16.	$13 - 6 =$	
17.	$13 - 8 =$	
18.	$16 - 6 =$	
19.	$12 - 3 =$	
20.	$12 - 4 =$	
21.	$12 - 5 =$	
22.	$12 - 9 =$	

23.	$19 - 9 =$	
24.	$15 - 6 =$	
25.	$15 - 7 =$	
26.	$15 - 9 =$	
27.	$20 - 10 =$	
28.	$14 - 5 =$	
29.	$14 - 6 =$	
30.	$14 - 7 =$	
31.	$14 - 9 =$	
32.	$15 - 5 =$	
33.	$17 - 8 =$	
34.	$17 - 9 =$	
35.	$18 - 8 =$	
36.	$16 - 7 =$	
37.	$16 - 8 =$	
38.	$16 - 9 =$	
39.	$17 - 10 =$	
40.	$12 - 8 =$	
41.	$18 - 9 =$	
42.	$11 - 9 =$	
43.	$15 - 8 =$	
44.	$13 - 7 =$	

Name \_\_\_\_\_

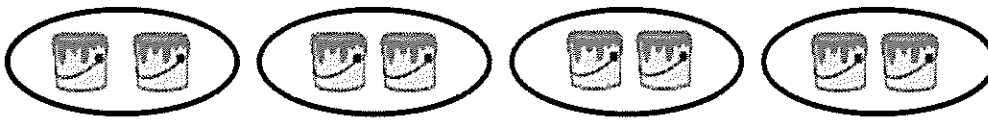
Date \_\_\_\_\_

1. Write a repeated addition equation to show the number of objects in each group. Then, find the total.

a. 

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

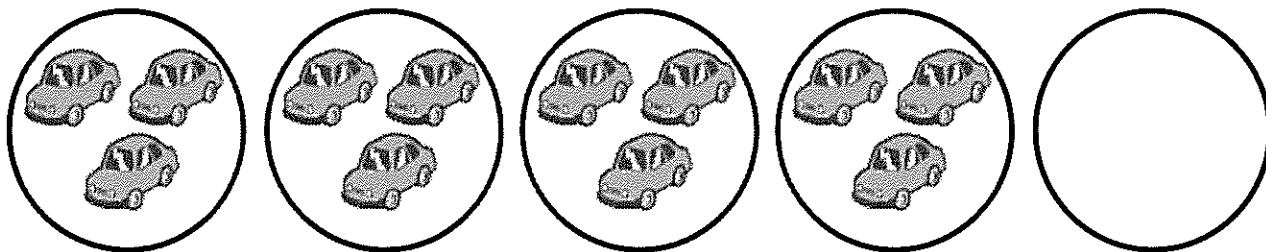
3 groups of \_\_\_\_\_ = \_\_\_\_\_

b. 

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

4 groups of \_\_\_\_\_ = \_\_\_\_\_

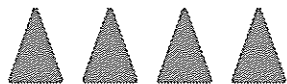
2. Draw 1 more equal group.



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

5 groups of \_\_\_\_\_ = \_\_\_\_\_

3. Draw 1 more group of four. Then, write a repeated addition equation to match.



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ groups of 4 = \_\_\_\_\_

4. Draw 2 more equal groups. Then, write a repeated addition equation to match.



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ groups of 4 = \_\_\_\_\_

5. Draw 4 groups of 3 circles. Then, write a repeated addition equation to match.

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Solve each set of problems using the arrow way.

a.

$260 + 200$

$260 + 240$

$260 + 250$

b.

$320 + 400$

$320 + 480$

$320 + 490$

c.

$550 + 200$

$550 + 250$

$550 + 270$

d.

$230 + 400$

$230 + 470$

$230 + 490$



# Week of July 26-30



**DEMOCRACY PREP**  
**HARLEM ELEMENTARY**

*Work Hard. Go to College. Change the World!*

## Daily Reading Log

**Directions:** Choose 1 novel from the DPHE website to read this summer. *When you finish that novel, you can choose any book from home, the library, or Epic books (create an account).* Read every day for at least 20 minutes. Complete a daily reading log each day after reading.

Day	Title	Author	Page Numbers	Minutes Read	Parent Signature
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					

A

Number Correct: \_\_\_\_\_

Subtracting Multiples of Ten and Some Ones

1.	$33 - 22 =$	
2.	$44 - 33 =$	
3.	$55 - 44 =$	
4.	$99 - 88 =$	
5.	$33 - 11 =$	
6.	$44 - 22 =$	
7.	$55 - 33 =$	
8.	$88 - 22 =$	
9.	$66 - 22 =$	
10.	$43 - 11 =$	
11.	$34 - 11 =$	
12.	$45 - 11 =$	
13.	$46 - 12 =$	
14.	$55 - 12 =$	
15.	$54 - 12 =$	
16.	$55 - 21 =$	
17.	$64 - 21 =$	
18.	$63 - 21 =$	
19.	$45 - 21 =$	
20.	$34 - 12 =$	
21.	$43 - 21 =$	
22.	$54 - 32 =$	

23.	$99 - 32 =$	
24.	$86 - 32 =$	
25.	$79 - 32 =$	
26.	$79 - 23 =$	
27.	$68 - 13 =$	
28.	$69 - 23 =$	
29.	$89 - 14 =$	
30.	$77 - 12 =$	
31.	$57 - 12 =$	
32.	$77 - 32 =$	
33.	$99 - 36 =$	
34.	$88 - 25 =$	
35.	$89 - 36 =$	
36.	$98 - 16 =$	
37.	$78 - 26 =$	
38.	$99 - 37 =$	
39.	$89 - 38 =$	
40.	$59 - 28 =$	
41.	$99 - 58 =$	
42.	$99 - 45 =$	
43.	$78 - 43 =$	
44.	$98 - 73 =$	



Name \_\_\_\_\_

Date \_\_\_\_\_

1. Complete each *more* or *less* statement.

a. 1 more than 37 is \_\_\_\_\_.

b. 10 more than 37 is \_\_\_\_\_.

c. 1 less than 37 is \_\_\_\_\_.

d. 10 less than 37 is \_\_\_\_\_.

e. 58 is 10 more than \_\_\_\_\_.

f. 29 is 1 less than \_\_\_\_\_.

g. \_\_\_\_\_ is 10 less than 45.

h. \_\_\_\_\_ is 1 more than 38.

i. 49 is \_\_\_\_\_ than 50.

j. 32 is \_\_\_\_\_ than 22.

2. Complete each pattern and write the rule.

a. 44, 45, \_\_\_\_\_, \_\_\_\_\_, 48

Rule: \_\_\_\_\_

b. 44, \_\_\_\_\_, 24, \_\_\_\_\_, 4

Rule: \_\_\_\_\_

c. 44, \_\_\_\_\_, \_\_\_\_\_, 74, 84

Rule: \_\_\_\_\_

d. \_\_\_\_\_, 43, 42, \_\_\_\_\_, 40

Rule: \_\_\_\_\_

e. \_\_\_\_\_, \_\_\_\_\_, 44, 34, \_\_\_\_\_

Rule: \_\_\_\_\_

f. 41, \_\_\_\_\_, \_\_\_\_\_, 38, 37

Rule: \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Solve using the arrow way. The first set is done for you.

<p>a.</p> <p><math>67 + 20 = \underline{87}</math></p> <p><math>67 \xrightarrow{+20} \underline{87}</math></p> <p><math>67 + 21 = \underline{88}</math></p> <p><math>67 \xrightarrow{+20} \underline{87} \xrightarrow{+1} \underline{88}</math></p> <p><math>67 + 19 = \underline{86}</math></p> <p><math>67 \xrightarrow{+20} \underline{87} \xrightarrow{-1} \underline{86}</math></p>	<p>b.</p> <p><math>56 + 40 = \underline{\quad}</math></p> <p><math>56 + 41 = \underline{\quad}</math></p> <p><math>56 + 39 = \underline{\quad}</math></p>
<p>c.</p> <p><math>68 - 40 = \underline{\quad}</math></p> <p><math>68 - 41 = \underline{\quad}</math></p> <p><math>68 - 39 = \underline{\quad}</math></p>	<p>d.</p> <p><math>87 - 50 = \underline{\quad}</math></p> <p><math>87 - 51 = \underline{\quad}</math></p> <p><math>87 - 49 = \underline{\quad}</math></p>

Name \_\_\_\_\_

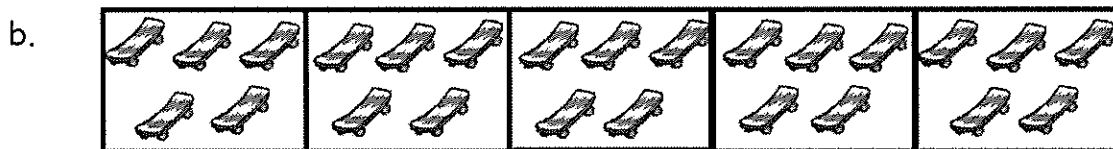
Date \_\_\_\_\_

1. Write a repeated addition equation to find the total of each tape diagram.



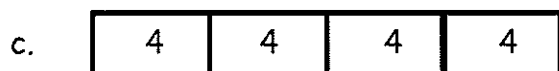
\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

4 groups of 3 = \_\_\_\_\_



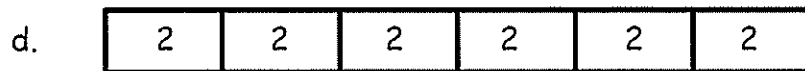
\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

5 groups of \_\_\_\_\_ = \_\_\_\_\_



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

4 groups of \_\_\_\_\_ = \_\_\_\_\_



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ groups of \_\_\_\_\_ = \_\_\_\_\_

2. Draw a tape diagram to find the total.

a.  $5 + 5 + 5 + 5 = \underline{\hspace{2cm}}$

b.  $4 + 4 + 4 + 4 + 4 = \underline{\hspace{2cm}}$

c. 4 groups of 2

d. 5 groups of 3

e.





# Week of August 2-6



**DEMOCRACY PREP**  
HARLEM ELEMENTARY

*Work Hard. Go to College. Change the World!*

## Daily Reading Log

**Directions:** Choose 1 novel from the DPHE website to read this summer. *When you finish that novel, you can choose any book from home, the library, or Epic books (create an account).* Read every day for at least 20 minutes. Complete a daily reading log each day after reading.

Day	Title	Author	Page Numbers	Minutes Read	Parent Signature
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					

**A**

Number Correct: \_\_\_\_\_

Adding Crossing Ten

1.	$9 + 1 =$	
2.	$9 + 2 =$	
3.	$9 + 3 =$	
4.	$9 + 9 =$	
5.	$8 + 2 =$	
6.	$8 + 3 =$	
7.	$8 + 4 =$	
8.	$8 + 9 =$	
9.	$9 + 1 =$	
10.	$9 + 4 =$	
11.	$9 + 5 =$	
12.	$9 + 8 =$	
13.	$8 + 2 =$	
14.	$8 + 5 =$	
15.	$8 + 6 =$	
16.	$8 + 8 =$	
17.	$9 + 1 =$	
18.	$9 + 7 =$	
19.	$8 + 2 =$	
20.	$8 + 7 =$	
21.	$9 + 1 =$	
22.	$9 + 6 =$	

23.	$7 + 3 =$	
24.	$7 + 4 =$	
25.	$7 + 5 =$	
26.	$7 + 9 =$	
27.	$6 + 4 =$	
28.	$6 + 5 =$	
29.	$6 + 6 =$	
30.	$6 + 9 =$	
31.	$5 + 5 =$	
32.	$5 + 6 =$	
33.	$5 + 7 =$	
34.	$5 + 9 =$	
35.	$4 + 6 =$	
36.	$4 + 7 =$	
37.	$4 + 9 =$	
38.	$3 + 7 =$	
39.	$3 + 9 =$	
40.	$5 + 8 =$	
41.	$2 + 8 =$	
42.	$4 + 8 =$	
43.	$1 + 9 =$	
44.	$2 + 9 =$	



**A**

Number Correct: \_\_\_\_\_

Sums to the Teens

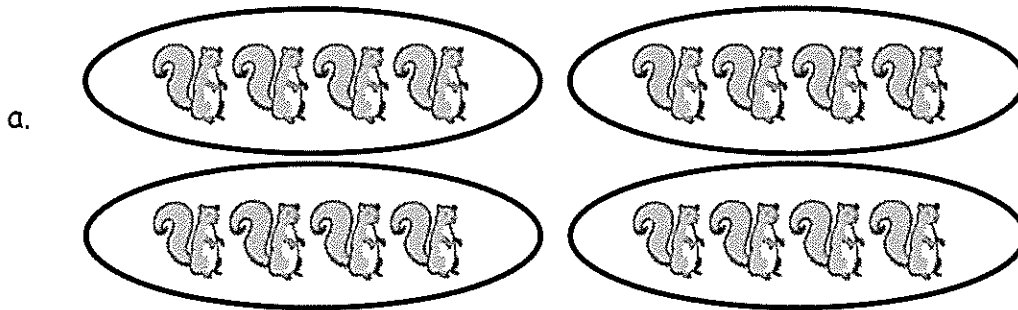
1.	$9 + 2 =$	
2.	$9 + 3 =$	
3.	$9 + 4 =$	
4.	$9 + 7 =$	
5.	$7 + 9 =$	
6.	$10 + 1 =$	
7.	$10 + 2 =$	
8.	$10 + 3 =$	
9.	$10 + 8 =$	
10.	$8 + 10 =$	
11.	$8 + 3 =$	
12.	$8 + 4 =$	
13.	$8 + 5 =$	
14.	$8 + 9 =$	
15.	$9 + 8 =$	
16.	$7 + 4 =$	
17.	$10 + 5 =$	
18.	$6 + 5 =$	
19.	$7 + 5 =$	
20.	$9 + 5 =$	
21.	$5 + 9 =$	
22.	$10 + 6 =$	

23.	$4 + 7 =$	
24.	$4 + 8 =$	
25.	$5 + 6 =$	
26.	$5 + 7 =$	
27.	$3 + 8 =$	
28.	$3 + 9 =$	
29.	$2 + 9 =$	
30.	$5 + 10 =$	
31.	$5 + 8 =$	
32.	$9 + 6 =$	
33.	$6 + 9 =$	
34.	$7 + 6 =$	
35.	$6 + 7 =$	
36.	$8 + 6 =$	
37.	$6 + 8 =$	
38.	$8 + 7 =$	
39.	$7 + 8 =$	
40.	$6 + 6 =$	
41.	$7 + 7 =$	
42.	$8 + 8 =$	
43.	$9 + 9 =$	
44.	$4 + 9 =$	

Name \_\_\_\_\_

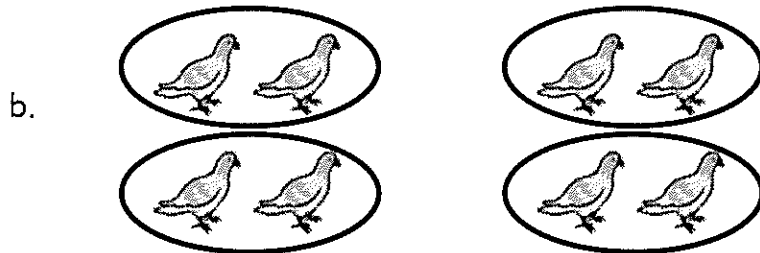
Date \_\_\_\_\_

1. Write a repeated addition equation to match the picture. Then, group the addends into pairs to show a more efficient way to add.



$$\begin{array}{ccccccc} \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & = & \underline{\quad} \\ \backslash & & / & & \backslash & & / & & \\ \underline{\quad} & & & + & \underline{\quad} & & & = & \underline{\quad} \end{array}$$

4 groups of \_\_\_\_\_ = 2 groups of \_\_\_\_\_



$$\begin{array}{ccccccc} \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & + & \underline{\quad} & = & \underline{\quad} \\ & & & + & & & & = & \underline{\quad} \end{array}$$

4 groups of \_\_\_\_\_ = 2 groups of \_\_\_\_\_

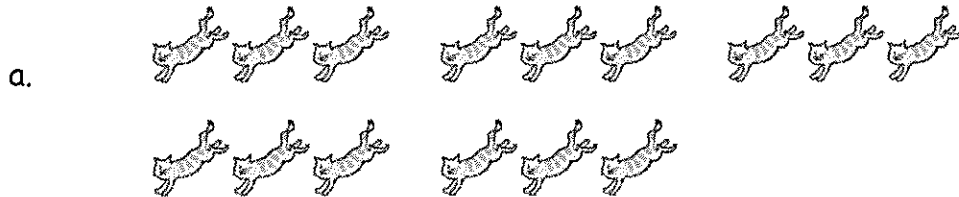


\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

4 groups of \_\_\_\_\_ = 2 groups of \_\_\_\_\_

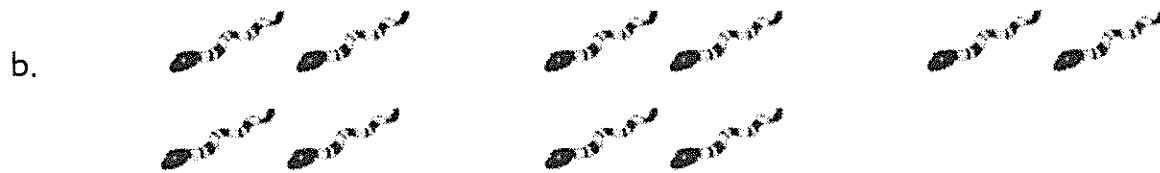
2. Write a repeated addition equation to match the picture. Then, group addends into pairs, and add to find the total.



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + 3 = \_\_\_\_\_

\_\_\_\_\_ + 3 = \_\_\_\_\_



\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + 2 = \_\_\_\_\_

\_\_\_\_\_ + 2 = \_\_\_\_\_

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Solve the following problems using your place value chart, place value disks, and vertical form. Bundle a ten or hundred, when necessary.

a. $505 + 75$	b. $606 + 84$
c. $293 + 114$	d. $314 + 495$
e. $364 + 326$	f. $346 + 234$
g. $384 + 225$	h. $609 + 351$

2. Solve.

a.  $200 + 400 = \underline{\hspace{2cm}}$

b.  $220 + 400 = \underline{\hspace{2cm}}$

c.  $220 + 440 = \underline{\hspace{2cm}}$

d.  $220 + 480 = \underline{\hspace{2cm}}$

e.  $225 + 485 = \underline{\hspace{2cm}}$

f.  $500 + 60 = \underline{\hspace{2cm}}$

g.  $500 + 160 = \underline{\hspace{2cm}}$

h.  $540 + 160 = \underline{\hspace{2cm}}$

i.  $560 + 240 = \underline{\hspace{2cm}}$

j.  $560 + 250 = \underline{\hspace{2cm}}$



# Week of August 9-13



**DEMOCRACY PREP**  
HARLEM ELEMENTARY

*Work Hard. Go to College. Change the World!*

## Daily Reading Log

**Directions:** Choose 1 novel from the DPHE website to read this summer. *When you finish that novel, you can choose any book from home, the library, or Epic books (create an account).* Read every day for at least 20 minutes. Complete a daily reading log each day after reading.

Day	Title	Author	Page Numbers	Minutes Read	Parent Signature
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					



# A

Number Correct: \_\_\_\_\_

## Two-Digit Addition

1.	$38 + 1 =$	
2.	$47 + 2 =$	
3.	$56 + 3 =$	
4.	$65 + 4 =$	
5.	$31 + 8 =$	
6.	$42 + 7 =$	
7.	$53 + 6 =$	
8.	$64 + 5 =$	
9.	$49 + 1 =$	
10.	$49 + 2 =$	
11.	$49 + 3 =$	
12.	$49 + 5 =$	
13.	$58 + 2 =$	
14.	$58 + 3 =$	
15.	$58 + 4 =$	
16.	$58 + 6 =$	
17.	$67 + 3 =$	
18.	$57 + 4 =$	
19.	$57 + 5 =$	
20.	$57 + 7 =$	
21.	$85 + 5 =$	
22.	$85 + 6 =$	

23.	$85 + 7 =$	
24.	$85 + 9 =$	
25.	$76 + 4 =$	
26.	$76 + 5 =$	
27.	$76 + 6 =$	
28.	$76 + 9 =$	
29.	$64 + 6 =$	
30.	$64 + 7 =$	
31.	$76 + 8 =$	
32.	$43 + 7 =$	
33.	$43 + 8 =$	
34.	$43 + 9 =$	
35.	$52 + 8 =$	
36.	$52 + 9 =$	
37.	$59 + 1 =$	
38.	$59 + 3 =$	
39.	$58 + 2 =$	
40.	$58 + 4 =$	
41.	$77 + 3 =$	
42.	$77 + 5 =$	
43.	$35 + 5 =$	
44.	$35 + 8 =$	

# A

Number Correct: \_\_\_\_\_

## Addition Crossing Tens

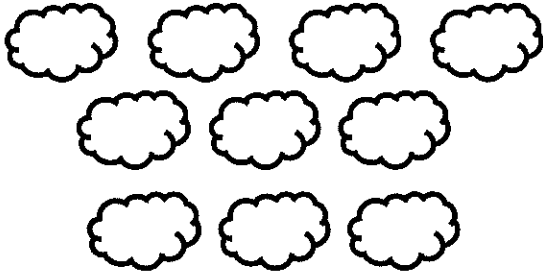
1.	$8 + 2 =$	
2.	$18 + 2 =$	
3.	$38 + 2 =$	
4.	$7 + 3 =$	
5.	$17 + 3 =$	
6.	$37 + 3 =$	
7.	$8 + 3 =$	
8.	$18 + 3 =$	
9.	$28 + 3 =$	
10.	$6 + 5 =$	
11.	$16 + 5 =$	
12.	$26 + 5 =$	
13.	$18 + 4 =$	
14.	$28 + 4 =$	
15.	$16 + 6 =$	
16.	$26 + 6 =$	
17.	$18 + 5 =$	
18.	$28 + 5 =$	
19.	$16 + 7 =$	
20.	$26 + 7 =$	
21.	$19 + 2 =$	
22.	$17 + 4 =$	

23.	$18 + 6 =$	
24.	$28 + 6 =$	
25.	$16 + 8 =$	
26.	$26 + 8 =$	
27.	$18 + 7 =$	
28.	$18 + 8 =$	
29.	$28 + 7 =$	
30.	$28 + 8 =$	
31.	$15 + 9 =$	
32.	$16 + 9 =$	
33.	$25 + 9 =$	
34.	$26 + 9 =$	
35.	$14 + 7 =$	
36.	$16 + 6 =$	
37.	$15 + 8 =$	
38.	$23 + 8 =$	
39.	$25 + 7 =$	
40.	$15 + 7 =$	
41.	$24 + 7 =$	
42.	$14 + 9 =$	
43.	$19 + 8 =$	
44.	$28 + 9 =$	

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Circle groups of five. Then, draw the clouds into two equal rows.




---



---

2. Circle groups of four. Redraw the groups of four as rows and then as columns.

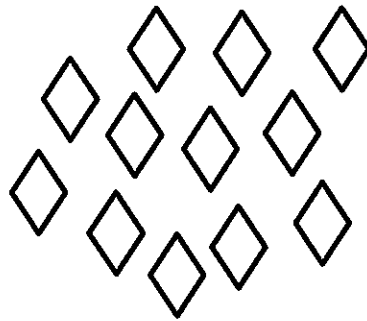
---



---



---




---



---



---

3. Circle groups of four. Redraw the groups of four as rows and then as columns.

---



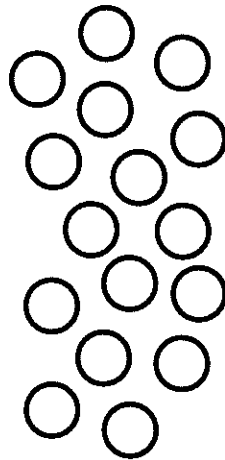
---



---



---




---



---

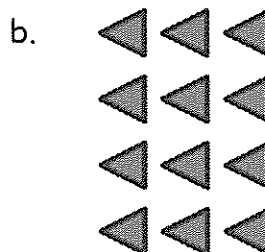
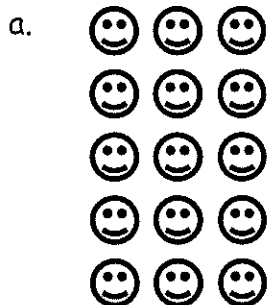


---



---

4. Count the objects in the arrays from left to right by rows and by columns. As you count, circle the rows and then the columns.



5. Redraw the smiley faces and triangles in Problem 4 as columns of three.

6. Draw an array with 20 triangles.

7. Show a different array with 20 triangles.

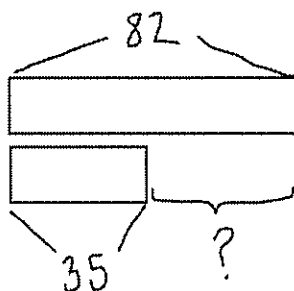
Name \_\_\_\_\_

Date \_\_\_\_\_

Solve the following word problems. Use the RDW process.

- Vicki modeled the following problem with a tape diagram.

Eighty-two students are in the math club. 35 students are in the science club. How many more students are in the math club than science club?



Show another model to solve the problem. Write your answer in a sentence.

2. Forty-six birds sat on a wire. Some flew away, but 29 stayed. How many birds flew away? Show your work.
3. Ian bought a pack of 47 water balloons. 19 were red, 16 were yellow, and the rest were blue. How many water balloons were blue? Show your work.
4. Daniel read 54 pages of his book in the morning. He read 27 fewer pages in the afternoon. How many pages did Daniel read altogether? Show your work.



# Week of August 16-20



**DEMOCRACY PREP**  
**HARLEM ELEMENTARY**

*Work Hard. Go to College. Change the World!*



## Daily Reading Log

**Directions:** Choose 1 novel from the DPHE website to read this summer. *When you finish that novel, you can choose any book from home, the library, or Epic books (create an account).* Read every day for at least 20 minutes. Complete a daily reading log each day after reading.

Day	Title	Author	Page Numbers	Minutes Read	Parent Signature
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					

**A**

Number Correct: \_\_\_\_\_

Subtraction from Teens

1.	$11 - 10 =$	
2.	$12 - 10 =$	
3.	$13 - 10 =$	
4.	$19 - 10 =$	
5.	$11 - 1 =$	
6.	$12 - 2 =$	
7.	$13 - 3 =$	
8.	$17 - 7 =$	
9.	$11 - 2 =$	
10.	$11 - 3 =$	
11.	$11 - 4 =$	
12.	$11 - 8 =$	
13.	$18 - 8 =$	
14.	$13 - 4 =$	
15.	$13 - 5 =$	
16.	$13 - 6 =$	
17.	$13 - 8 =$	
18.	$16 - 6 =$	
19.	$12 - 3 =$	
20.	$12 - 4 =$	
21.	$12 - 5 =$	
22.	$12 - 9 =$	

23.	$19 - 9 =$	
24.	$15 - 6 =$	
25.	$15 - 7 =$	
26.	$15 - 9 =$	
27.	$20 - 10 =$	
28.	$14 - 5 =$	
29.	$14 - 6 =$	
30.	$14 - 7 =$	
31.	$14 - 9 =$	
32.	$15 - 5 =$	
33.	$17 - 8 =$	
34.	$17 - 9 =$	
35.	$18 - 8 =$	
36.	$16 - 7 =$	
37.	$16 - 8 =$	
38.	$16 - 9 =$	
39.	$17 - 10 =$	
40.	$12 - 8 =$	
41.	$18 - 9 =$	
42.	$11 - 9 =$	
43.	$15 - 8 =$	
44.	$13 - 7 =$	

**A**

Number Correct: \_\_\_\_\_

Addition Crossing a Ten

1.	$38 + 1 =$	
2.	$47 + 2 =$	
3.	$56 + 3 =$	
4.	$65 + 4 =$	
5.	$31 + 8 =$	
6.	$42 + 7 =$	
7.	$53 + 6 =$	
8.	$64 + 5 =$	
9.	$49 + 1 =$	
10.	$49 + 2 =$	
11.	$49 + 3 =$	
12.	$49 + 5 =$	
13.	$58 + 2 =$	
14.	$58 + 3 =$	
15.	$58 + 4 =$	
16.	$58 + 6 =$	
17.	$67 + 3 =$	
18.	$57 + 4 =$	
19.	$57 + 5 =$	
20.	$57 + 7 =$	
21.	$85 + 5 =$	
22.	$85 + 6 =$	

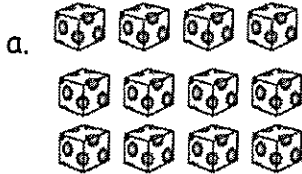
23.	$85 + 7 =$	
24.	$85 + 9 =$	
25.	$76 + 4 =$	
26.	$76 + 5 =$	
27.	$76 + 6 =$	
28.	$76 + 9 =$	
29.	$64 + 6 =$	
30.	$64 + 7 =$	
31.	$76 + 8 =$	
32.	$43 + 7 =$	
33.	$43 + 8 =$	
34.	$43 + 9 =$	
35.	$52 + 8 =$	
36.	$52 + 9 =$	
37.	$59 + 1 =$	
38.	$59 + 3 =$	
39.	$58 + 2 =$	
40.	$58 + 4 =$	
41.	$77 + 3 =$	
42.	$77 + 5 =$	
43.	$35 + 5 =$	
44.	$35 + 8 =$	

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Complete each missing part describing each array.

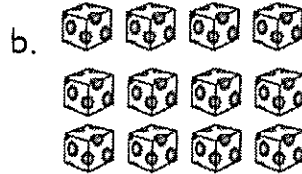
Circle rows.



3 rows of \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

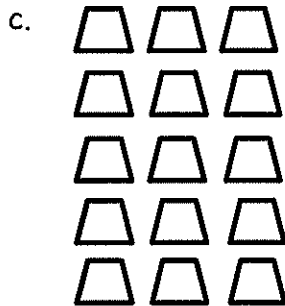
Circle columns.



4 columns of \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

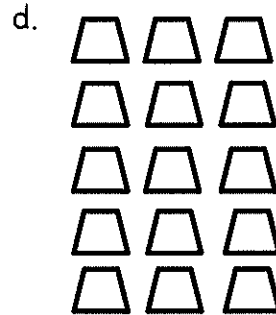
Circle rows.



5 rows of \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

Circle columns.

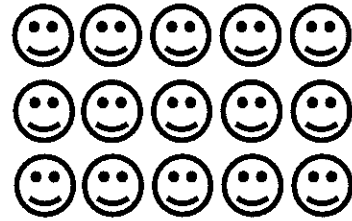


3 columns of \_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

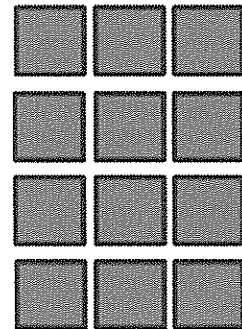
2. Use the array of smiley faces to answer the questions below.

- a. \_\_\_\_ rows of \_\_\_\_ = \_\_\_\_
- b. \_\_\_\_ columns of \_\_\_\_ = \_\_\_\_
- c. \_\_\_\_ + \_\_\_\_ + \_\_\_\_ = \_\_\_\_
- d. Add 1 more row. How many smiley faces are there now? \_\_\_\_
- e. Add 1 more column to the new array you made in 2(d). How many smiley faces are there now? \_\_\_\_



3. Use the array of squares to answer the questions below.

- a. \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ = \_\_\_\_
- b. \_\_\_\_ rows of \_\_\_\_ = \_\_\_\_
- c. \_\_\_\_ columns of \_\_\_\_ = \_\_\_\_
- d. Remove 1 row. How many squares are there now? \_\_\_\_
- e. Remove 1 column from the new array you made in 3(d). How many squares are there now? \_\_\_\_



Name \_\_\_\_\_

Date \_\_\_\_\_

1. Solve vertically. Draw chips on the place value chart and bundle, when needed.

a.  $41 + 39 =$  \_\_\_\_\_

100's	10's	1's

b.  $54 + 26 =$  \_\_\_\_\_

100's	10's	1's

c.  $96 + 39 =$  \_\_\_\_\_

100's	10's	1's

d.  $84 + 79 =$  \_\_\_\_\_

100's	10's	1's

e.  $65 + 97 =$  \_\_\_\_\_

100's	10's	1's

2. For each box, find and circle two numbers that add up to 150.

<p>a.</p> <table style="width: 100%; text-align: center;"> <tr> <td>67</td> <td>63</td> </tr> <tr> <td>73</td> <td>83</td> </tr> <tr> <td>57</td> <td> </td> </tr> </table>	67	63	73	83	57		<p>b.</p> <table style="width: 100%; text-align: center;"> <tr> <td>48</td> <td>92</td> </tr> <tr> <td>68</td> <td>62</td> </tr> <tr> <td>58</td> <td> </td> </tr> </table>	48	92	68	62	58		<p>c.</p> <table style="width: 100%; text-align: center;"> <tr> <td>75</td> <td>55</td> </tr> <tr> <td>65</td> <td>45</td> </tr> <tr> <td>75</td> <td> </td> </tr> </table>	75	55	65	45	75	
67	63																			
73	83																			
57																				
48	92																			
68	62																			
58																				
75	55																			
65	45																			
75																				





# Week of August 23-27



**DEMOCRACY PREP**  
HARLEM ELEMENTARY

*Work Hard. Go to College. Change the World!*

## Daily Reading Log

**Directions:** Choose 1 novel from the DPHE website to read this summer. *When you finish that novel, you can choose any book from home, the library, or Epic books (create an account).* Read every day for at least 20 minutes. Complete a daily reading log each day after reading.

Day	Title	Author	Page Numbers	Minutes Read	Parent Signature
Monday					
Tuesday					
Wednesday					
Thursday					
Friday					

Number Correct: \_\_\_\_\_

# A

## Sums to the Teens

1.	$9 + 1 =$	
2.	$9 + 2 =$	
3.	$9 + 3 =$	
4.	$9 + 9 =$	
5.	$8 + 2 =$	
6.	$8 + 3 =$	
7.	$8 + 4 =$	
8.	$8 + 9 =$	
9.	$9 + 1 =$	
10.	$9 + 4 =$	
11.	$9 + 5 =$	
12.	$9 + 8 =$	
13.	$8 + 2 =$	
14.	$8 + 5 =$	
15.	$8 + 6 =$	
16.	$8 + 8 =$	
17.	$9 + 1 =$	
18.	$9 + 7 =$	
19.	$8 + 2 =$	
20.	$8 + 7 =$	
21.	$9 + 1 =$	
22.	$9 + 6 =$	

23.	$7 + 3 =$	
24.	$7 + 4 =$	
25.	$7 + 5 =$	
26.	$7 + 9 =$	
27.	$6 + 4 =$	
28.	$6 + 5 =$	
29.	$6 + 6 =$	
30.	$6 + 9 =$	
31.	$5 + 5 =$	
32.	$5 + 6 =$	
33.	$5 + 7 =$	
34.	$5 + 9 =$	
35.	$4 + 6 =$	
36.	$4 + 7 =$	
37.	$4 + 9 =$	
38.	$3 + 7 =$	
39.	$3 + 9 =$	
40.	$5 + 8 =$	
41.	$2 + 8 =$	
42.	$4 + 8 =$	
43.	$1 + 9 =$	
44.	$2 + 9 =$	

# A

Number Correct: \_\_\_\_\_

## Subtract Crossing the Ten

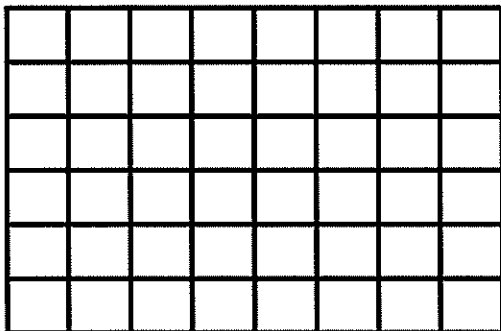
1.	$10 - 1 =$	
2.	$10 - 2 =$	
3.	$20 - 2 =$	
4.	$40 - 2 =$	
5.	$10 - 2 =$	
6.	$11 - 2 =$	
7.	$21 - 2 =$	
8.	$51 - 2 =$	
9.	$10 - 3 =$	
10.	$11 - 3 =$	
11.	$21 - 3 =$	
12.	$61 - 3 =$	
13.	$10 - 4 =$	
14.	$11 - 4 =$	
15.	$21 - 4 =$	
16.	$71 - 4 =$	
17.	$10 - 5 =$	
18.	$11 - 5 =$	
19.	$21 - 5 =$	
20.	$81 - 5 =$	
21.	$10 - 6 =$	
22.	$11 - 6 =$	

23.	$21 - 6 =$	
24.	$91 - 6 =$	
25.	$10 - 7 =$	
26.	$11 - 7 =$	
27.	$31 - 7 =$	
28.	$10 - 8 =$	
29.	$11 - 8 =$	
30.	$41 - 8 =$	
31.	$10 - 9 =$	
32.	$11 - 9 =$	
33.	$51 - 9 =$	
34.	$12 - 3 =$	
35.	$82 - 3 =$	
36.	$13 - 5 =$	
37.	$73 - 5 =$	
38.	$14 - 6 =$	
39.	$84 - 6 =$	
40.	$15 - 8 =$	
41.	$95 - 8 =$	
42.	$16 - 7 =$	
43.	$46 - 7 =$	
44.	$68 - 9 =$	

Name \_\_\_\_\_

Date \_\_\_\_\_

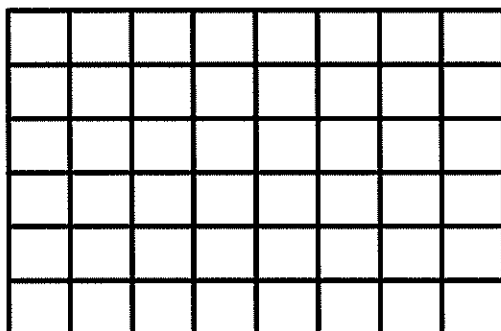
1. Shade in an array with 3 rows of 2.



Write a repeated addition equation for the array.

\_\_\_\_\_

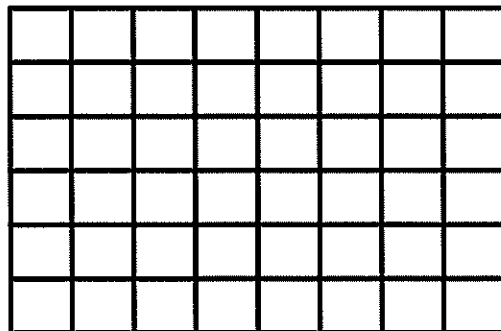
2. Shade in an array with 2 rows of 4.



Write a repeated addition equation for the array.

\_\_\_\_\_

3. Shade in an array with 4 columns of 5.



Write a repeated addition equation for the array.

\_\_\_\_\_

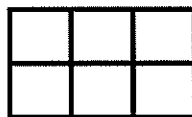
4. Draw one more column of 2 to make a new array.



Write a repeated addition equation for the new array.

---

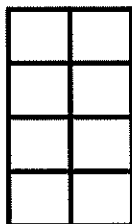
5. Draw one more row of 3 and then one more column to make a new array.



Write a repeated addition equation for the new array.

---

6. Draw one more row and then two more columns to make a new array.



Write a repeated addition equation for the new array.

---

Name \_\_\_\_\_

Date \_\_\_\_\_

Solve and show your strategy.

1. 38 markers were in the bin. Chase added the 43 markers that were on the floor to the bin. How many markers are in the bin now?

2. There are 29 fewer big stickers on the sticker sheet than little stickers. There are 62 little stickers on the sheet. How many big stickers are there?

3. Rose has 34 photos in a photo album and 41 photos in a box. How many photos does Rose have?
4. Halle has two ribbons. The blue ribbon is 58 cm. The green ribbon is 38 cm longer than the blue ribbon.
- a. How long is the green ribbon?
- b. Halle uses 67 cm of green ribbon to wrap a present. How much green ribbon is left?



5. Chad bought a shirt for \$19 and a pair of shoes for \$28 more than the shirt.
- How much was the pair of shoes?
  - How much money did Chad spend on the shirt and shoes?
  - If Chad had \$13 left over, how much money did Chad have before buying the shirt and shoes?

