



Rising 2nd Grade Math

Dear Parents,

Attached is the 2nd-grade math packet. Please have your child complete each page, and bring the completed packet on the first day of school. This will be your child's first math grade in 2nd grade.

In order to be successful in 2nd-grade math, it is very important for the children to know the basic addition and subtraction facts to 18. Please work on this with your students in addition to completing the packet. Students love flashcards and games. You can also find videos and other instructional materials to help make it fun. You can quiz and drill them orally just driving along in the car. Make it fun – praise - encourage.

While the math packet may look lengthy, please know that most pages include only a few problems and are designed to be completed quickly. Many pages should take just a few minutes each, allowing your child to practice important skills without becoming overwhelmed. The other practice assignments are concepts that are important to review. Again, we encourage you to make it fun. Complete the math packet a little at a time. The idea is to keep skills and objectives fresh for the beginning of the new school year.

Here are a few other helpful websites:

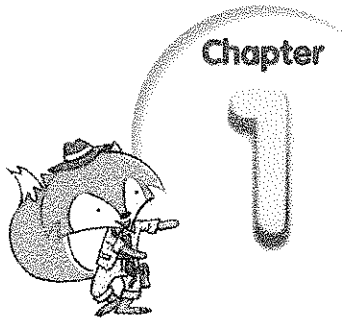
www.math-drills.com

www.coolmath4kids.com

www.funbrain.com/math

We hope you have a great summer!

Name: _____ Date: _____

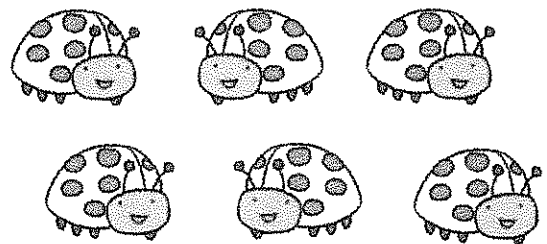
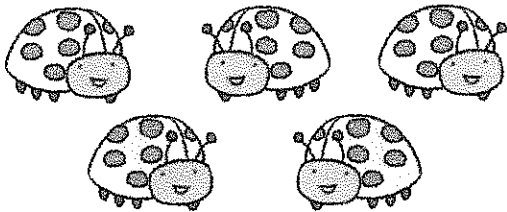


Extra Practice and Homework Numbers to 10

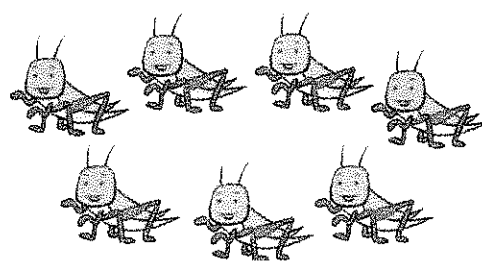
Activity 2 Comparing Numbers

Which group has more?
Circle it.

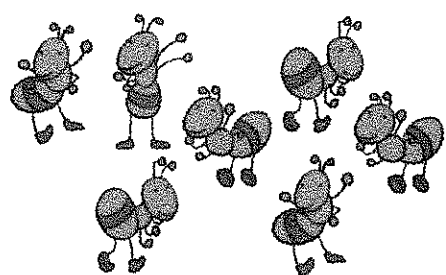
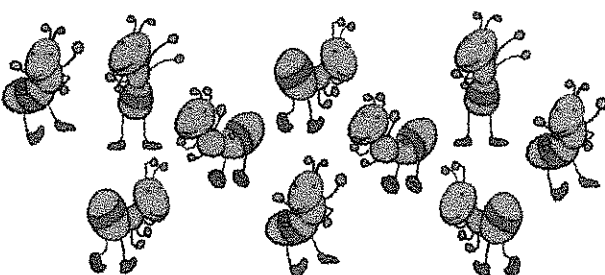
1



2

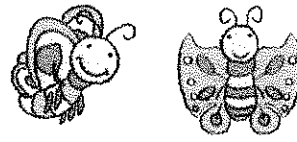


3



Which group has fewer?
Circle it.

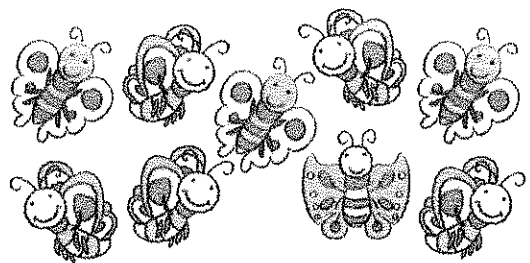
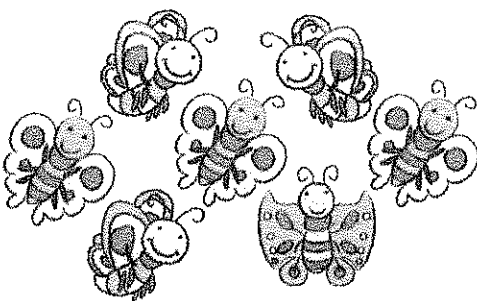
4



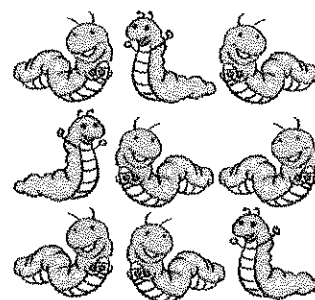
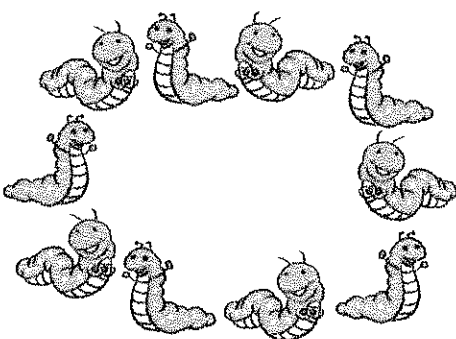
5



6

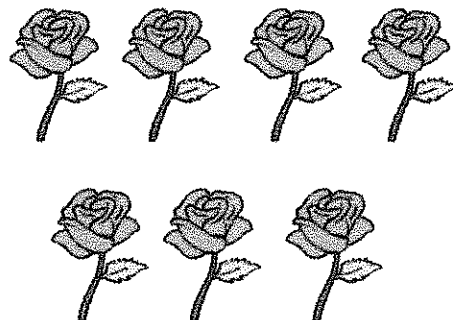
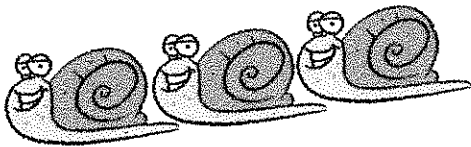
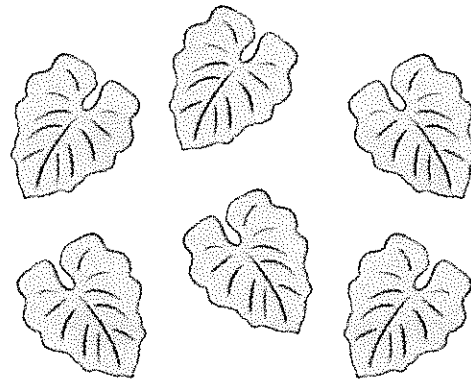
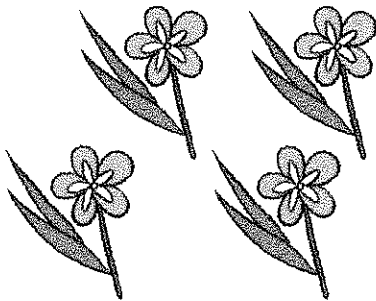
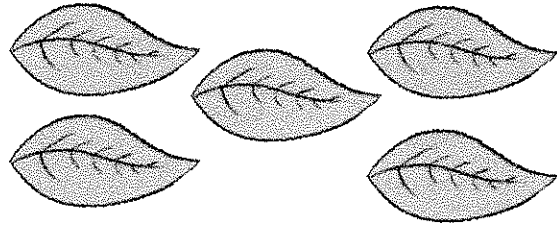
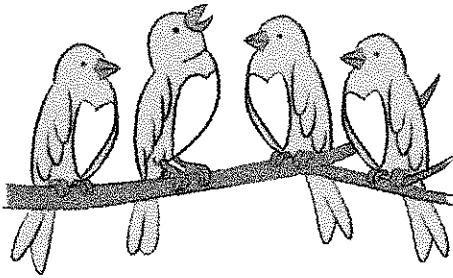


7





Which groups show the same number?
Circle them.

8





Which number is greater?
Write it on the blank.

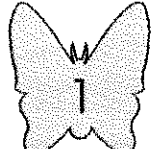
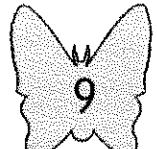
9  or  _____



10  or  _____


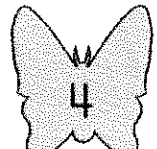
11  or  _____



12  or  _____

Which number is less?
Write it on the blank.

13  or  _____

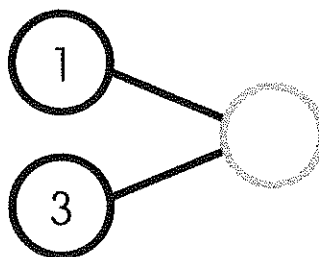
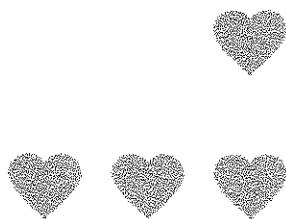
14  or  _____

15  or  _____

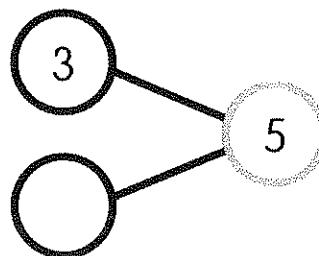
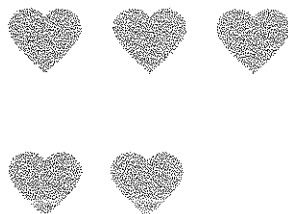
16  or  _____

Complete each number bond.

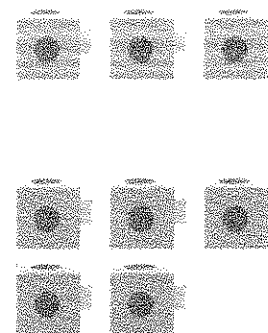
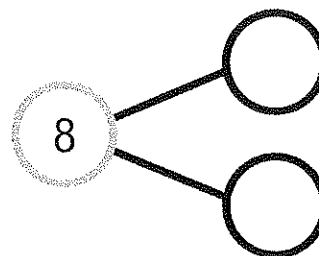
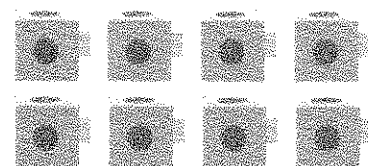
3



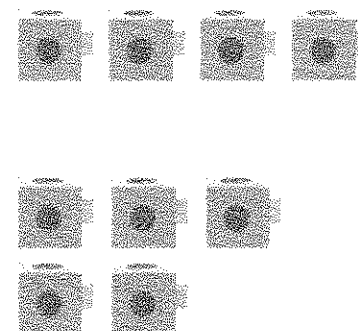
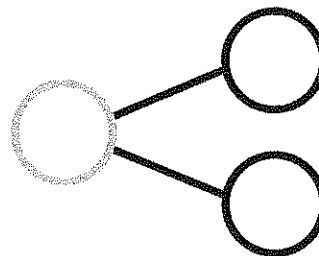
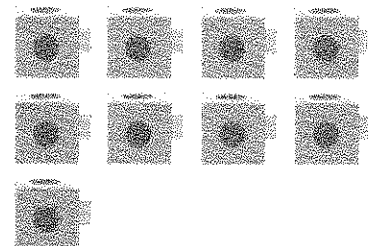
4



5

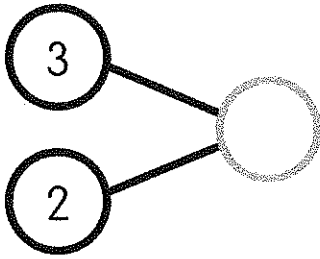


6



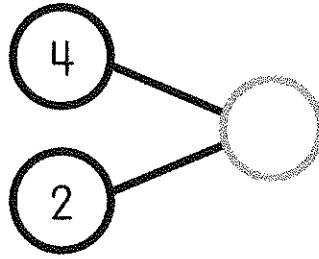
Write each missing number.

7



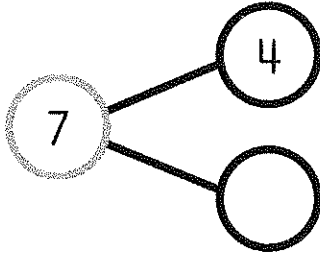
3 and 2 make _____.

8



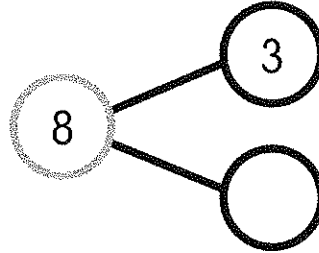
4 and 2 make _____.

9



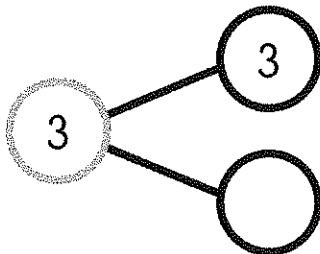
4 and _____ make 7.

10



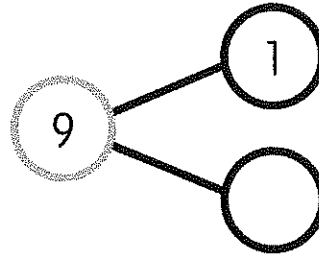
3 and _____ make 8.

11

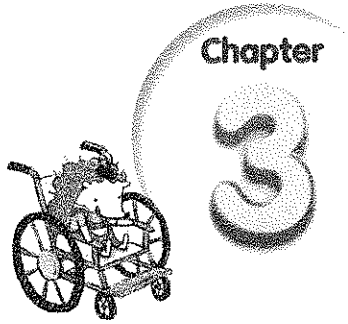


3 and _____ make 3.

12



1 and _____ make 9.



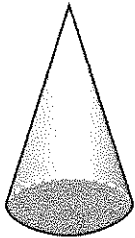
Extra Practice and Homework

Shapes and Patterns

Activity 2 Exploring Solid Shapes

Match each shape to its name.

1



•

•

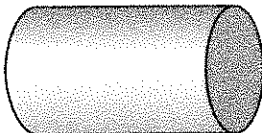
cube



•

•

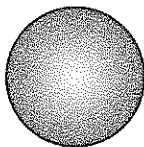
cone



•

•

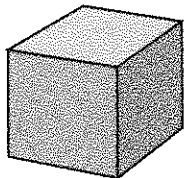
pyramid



•

•

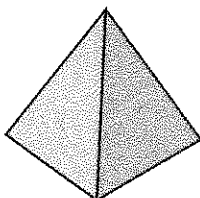
sphere



•

•

cylinder



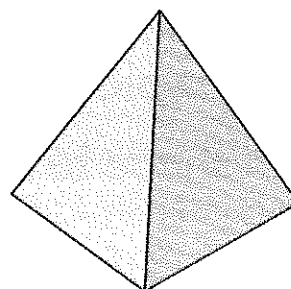
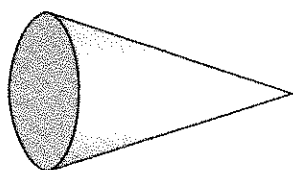
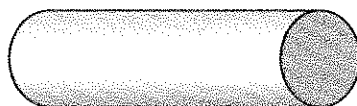
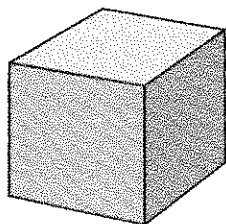
•

•

rectangular
prism

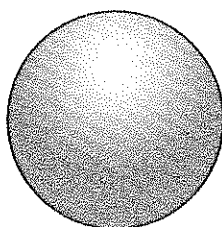
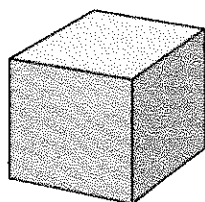
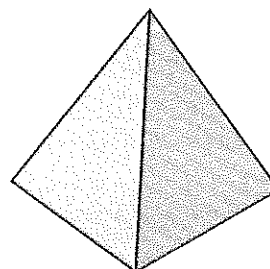
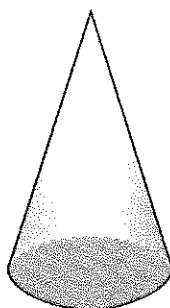
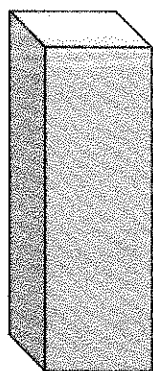
**Which shapes are not cylinders?
Circle them.**

2



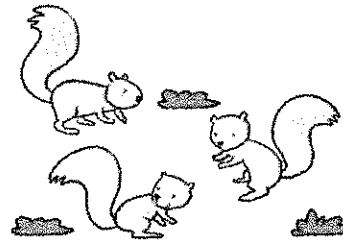
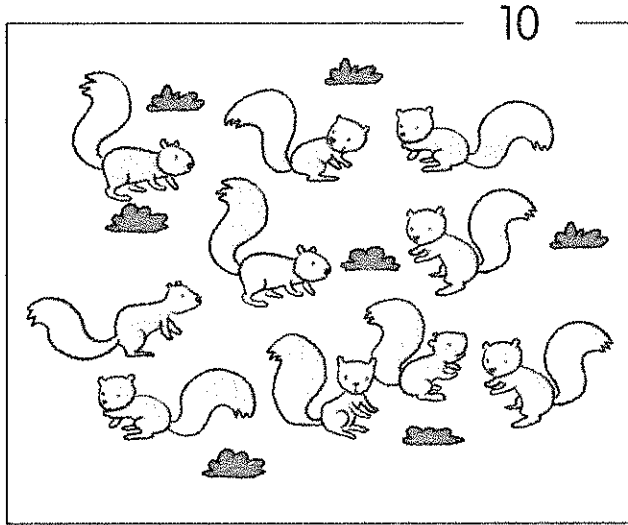
**Which shapes are not pyramids?
Circle them.**

3



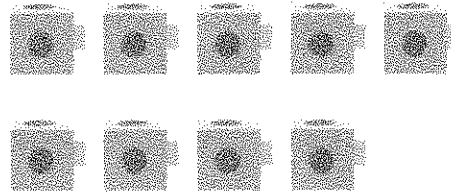
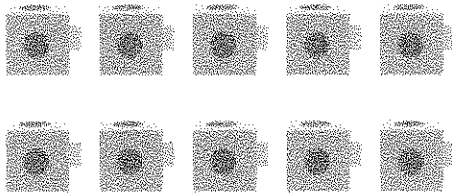
Fill in each blank.

7



10 and 3 make _____. $10 + 3 = \underline{\hspace{2cm}}$

8



10 and 9 make _____. $10 + 9 = \underline{\hspace{2cm}}$

9

10 and 2 make _____.

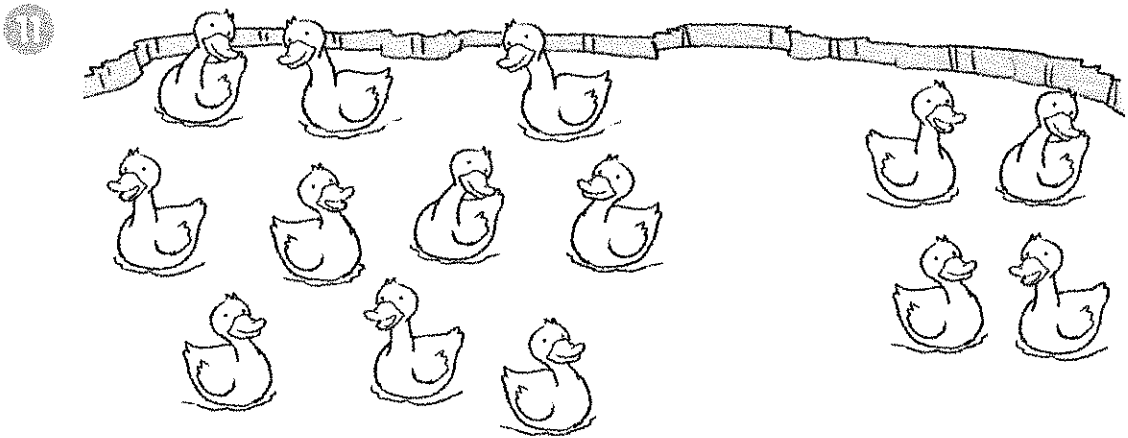
$10 + 2 = \underline{\hspace{2cm}}$

10

10 and 7 make _____.

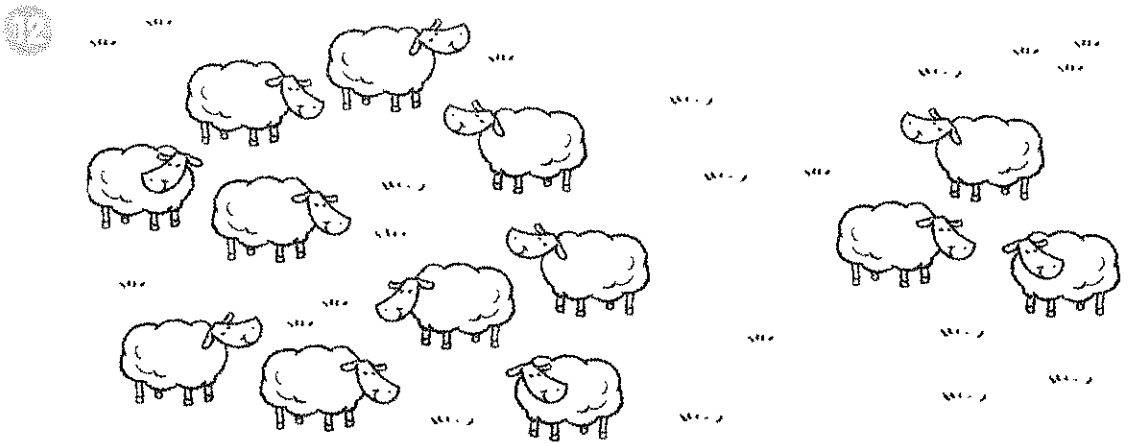
_____ + _____ = _____

Circle to make a 10.
 Then, count on.
 Write each number and word.



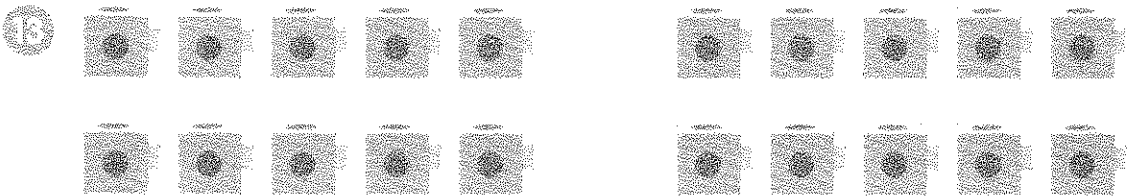
Number _____

Word _____



Number _____

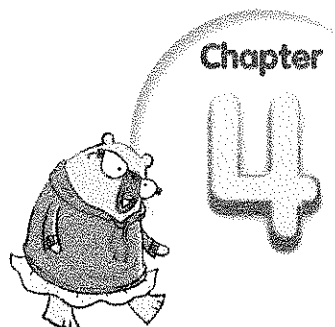
Word _____



Number _____

Word _____

Name: _____ Date: _____



Extra Practice and Homework Numbers to 20

Activity 4 Number Patterns

Write the missing numbers in each number pattern.

1 14, 13, 12, 11, _____, _____, _____

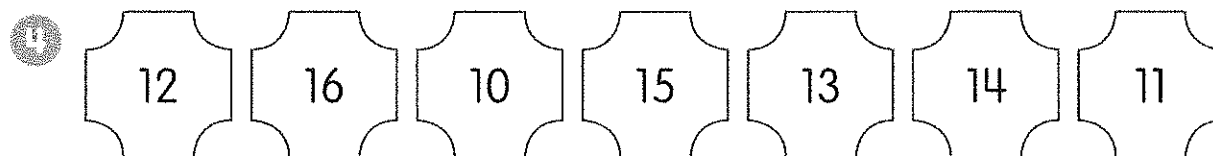
2 16, _____, 14, 13, 12, 11, _____

3 20, 19, 18, 17, _____, 15, _____

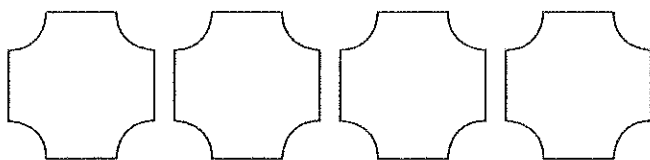
Look at the given numbers.

Use them to make two different number patterns.

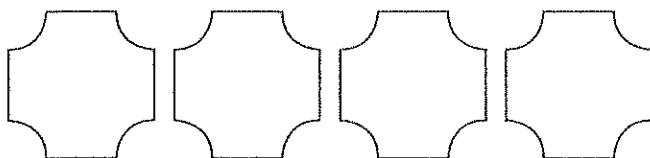
You may use a number more than once.

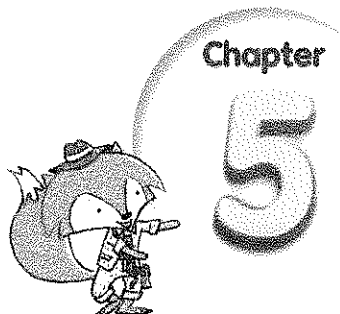


Pattern 1:



Pattern 2:





Extra Practice and Homework

Addition and Subtraction Within 20

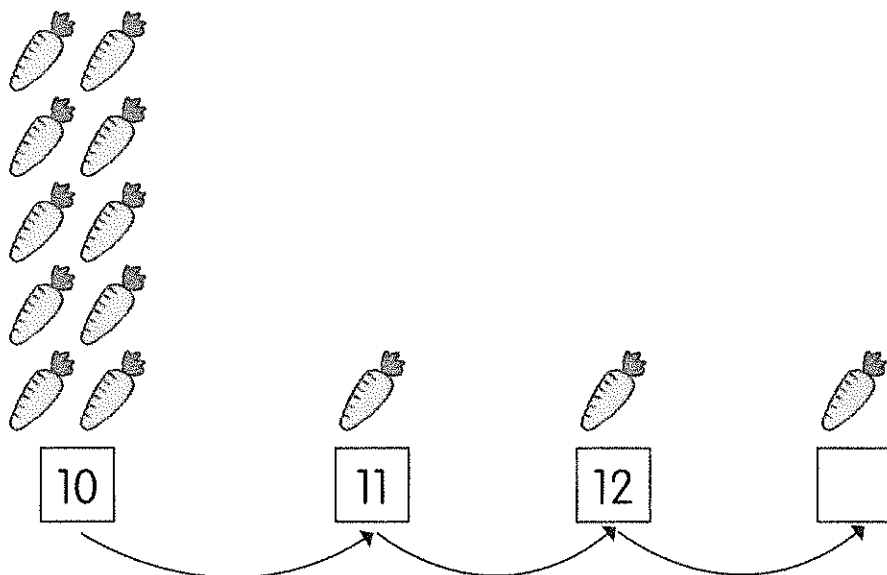
Activity 1 Ways to Add Fluently

Add.

Count on from the greater number.

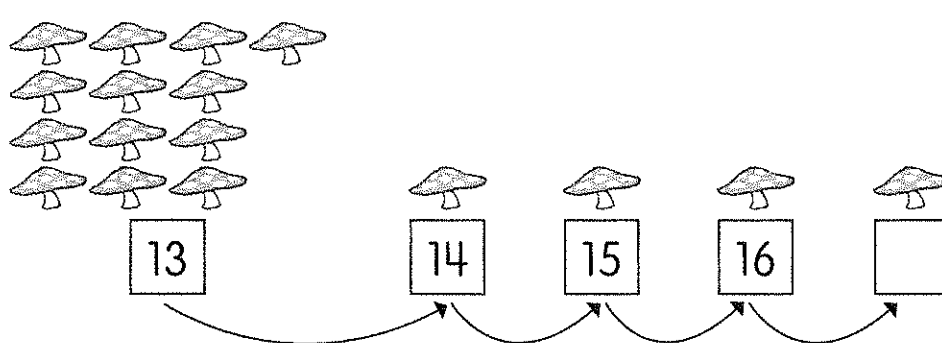
Fill in each missing number.

1



$$10 + 3 = \underline{\hspace{2cm}}$$

2

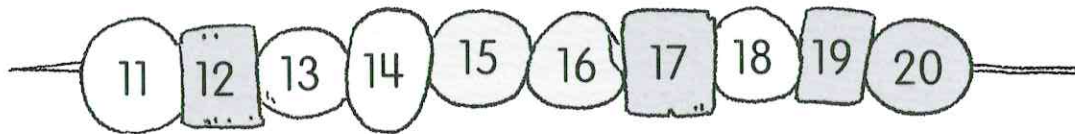


$$13 + 4 = \underline{\hspace{2cm}}$$

Add.

Count on from the greater number.

Use the counting tape to help you.



3 $12 + 2 = \underline{\hspace{2cm}}$

4 $13 + 4 = \underline{\hspace{2cm}}$

5 $15 + 3 = \underline{\hspace{2cm}}$

6 $17 + 2 = \underline{\hspace{2cm}}$

7 $11 + 4 = \underline{\hspace{2cm}}$

8 $16 + 4 = \underline{\hspace{2cm}}$

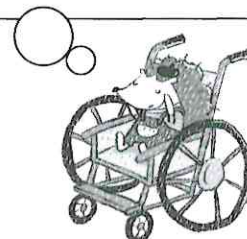
Make a 10.

Then, add and fill in each blank.

9

$8 + 4 = \underline{\hspace{2cm}}$

2





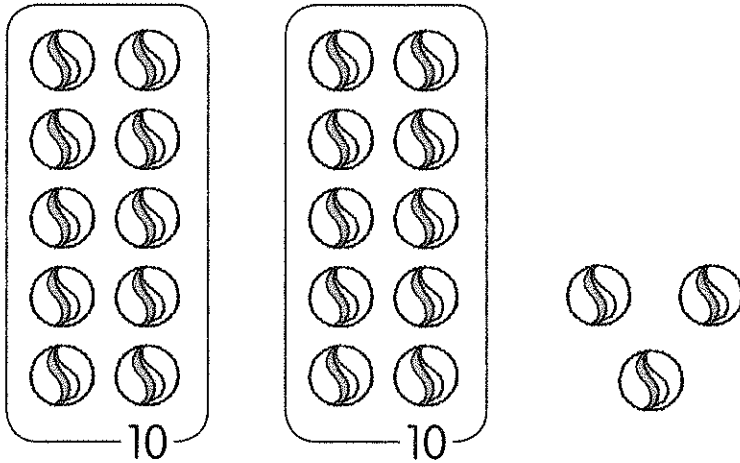
Extra Practice and Homework

Numbers to 40

Activity 1 Counting to 40

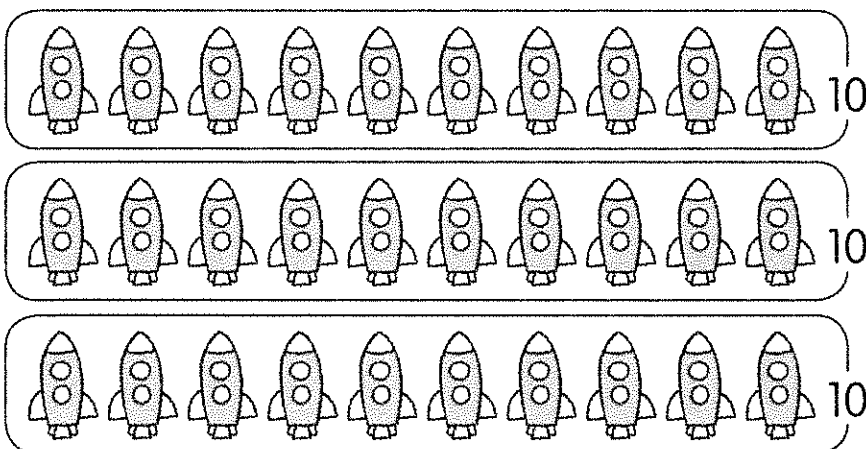
Count on by tens and ones.
Then, fill in each blank.

1



10, ..., 20, _____, _____, _____

2

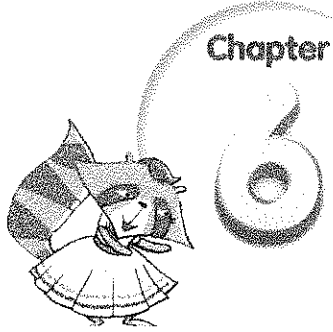


10, ..., 20, ..., _____

Circle groups of 10.
Then, count on and write each number.

Example

29

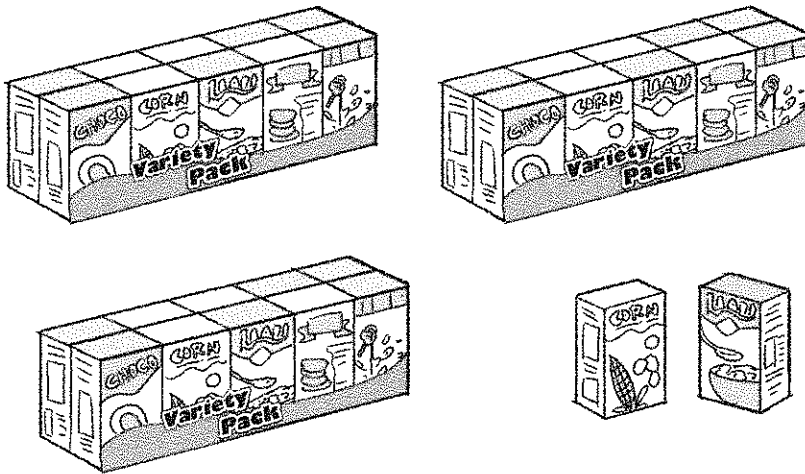


Extra Practice and Homework Numbers to 40

Activity 2 Place Value

Count on by tens and ones.
Then, fill in each blank.

1



_____ tens _____ ones

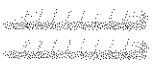

Tens	Ones

Look at each place-value chart.

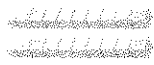

Does the number of  and  match the number below them?

Write "Yes" or "No" in the blank.

2

	
Tens	Ones
2	2

3

	
Tens	Ones
3	8

Fill in each blank.

Example

2 tens + 4 ones

20 + 4

24

4

2 tens + 6 ones

20 + _____

5

2 tens + 9 ones

_____ + 9

Name: _____ Date: _____

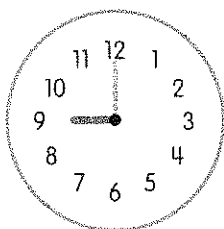


Extra Practice and Homework Calendar and Time

Activity 2 Telling Time to the Hour

Match each clock to the correct time.

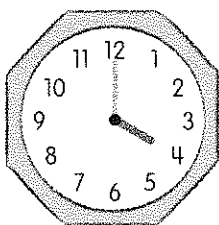
1



•

•

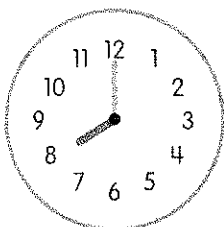
12 o'clock



•

•

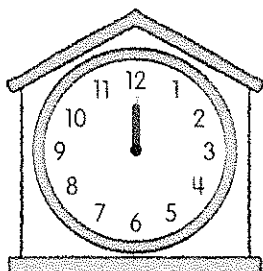
8 o'clock



•

•

9 o'clock



•

•

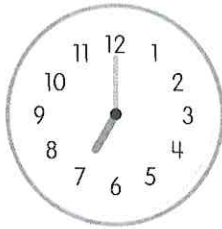
4 o'clock

How does Anna spend her day?

Write down the time she does each activity.

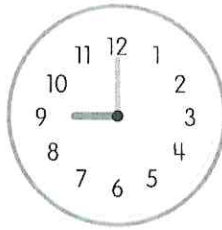
Use "o'clock" in your answer.

2



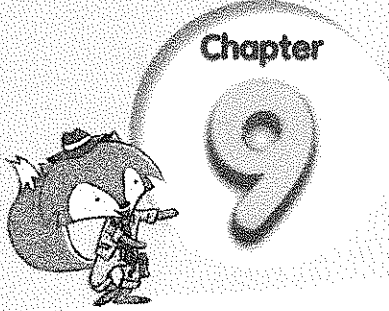
Anna brushes her teeth at _____.

3



Anna's Math class starts at _____.

Name: _____ Date: _____



Extra Practice and Homework

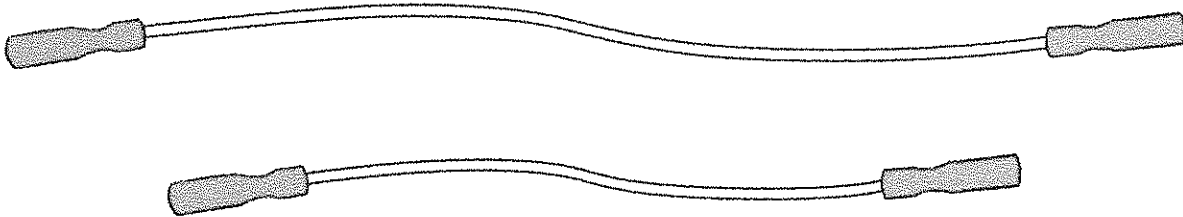
Length and Weight

Activity 1 Comparing Lengths

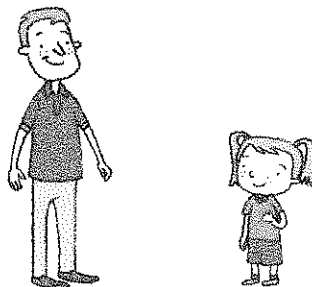
Look at each picture.

Then, circle the correct answer.

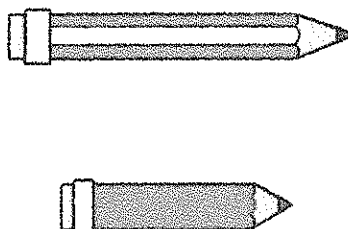
1 Which is longer?



2 Who is taller?



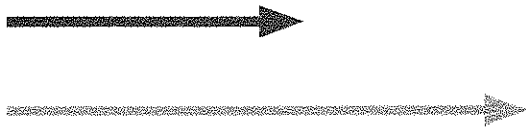
3 Which is shorter?



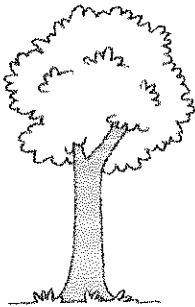
Draw.

Example

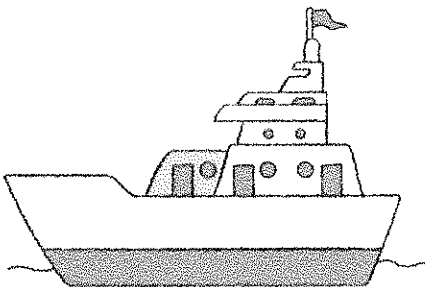
A longer arrow



8 A shorter tree



9 A taller ship



Name: _____ Date: _____

Chapter

10

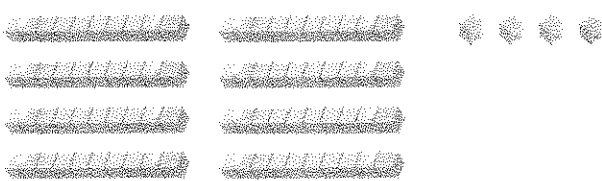
Extra Practice and Homework Numbers to 120

Activity 1 Counting to 120

Count on by tens and ones.

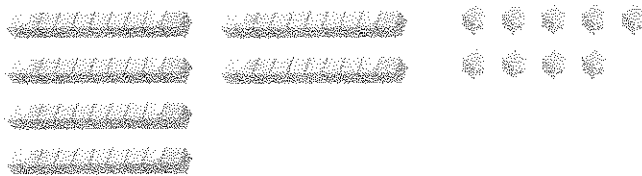
Write each missing number.

1



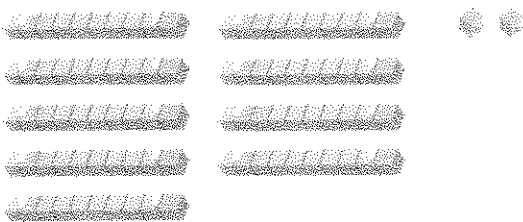
10, ..., 20, ..., 30, ..., 40, ..., _____, ..., _____, ..., _____,
..., _____, _____, _____, _____, _____

2



10, ..., 20, ..., 30, ..., 40, ..., _____, ..., _____, _____,
_____, _____, _____, _____, _____,
_____, _____

3



10, ..., 20, ..., 30, ..., 40, ..., _____, ..., _____, ..., _____,
_____, ..., _____, ..., _____, _____, _____

Write each number.

4



5



Write each number in words.

6



7

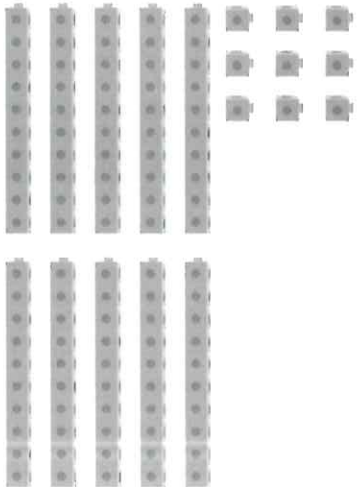
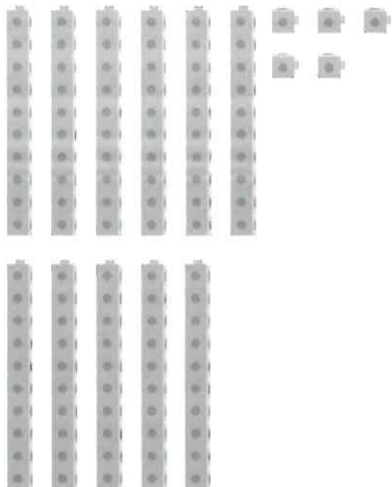
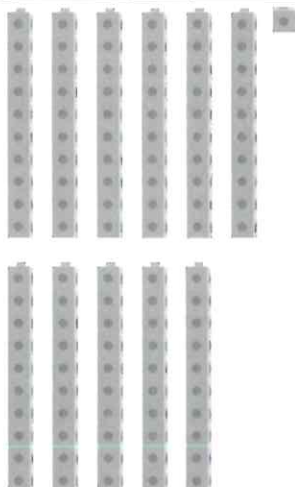


8

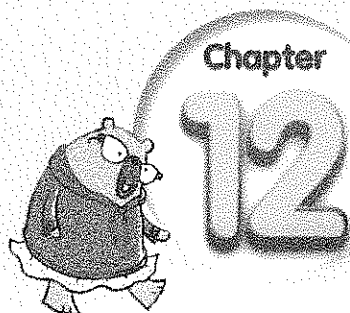


Count on by tens and ones.

Then, write each number and word.

		Number	Word
11			
12			
13			

Name: _____ Date: _____



Extra Practice and Homework Graphs

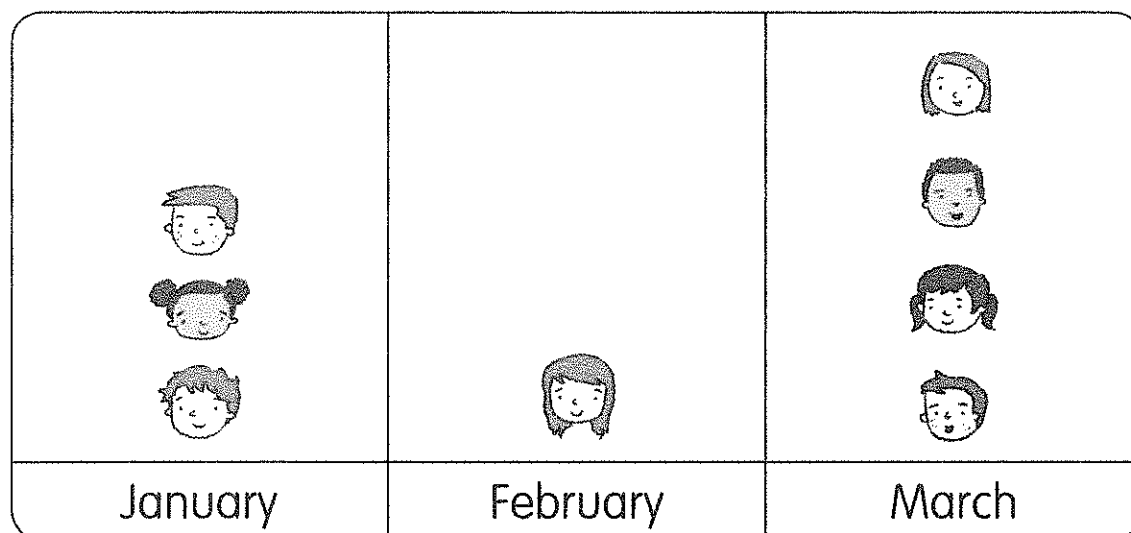
Activity 1 Simple Picture Graphs

Look at the picture graph.

Then, fill in each blank.

The picture graph shows the birth months of Aarón's friends.

Birth Months of Aarón's Friends



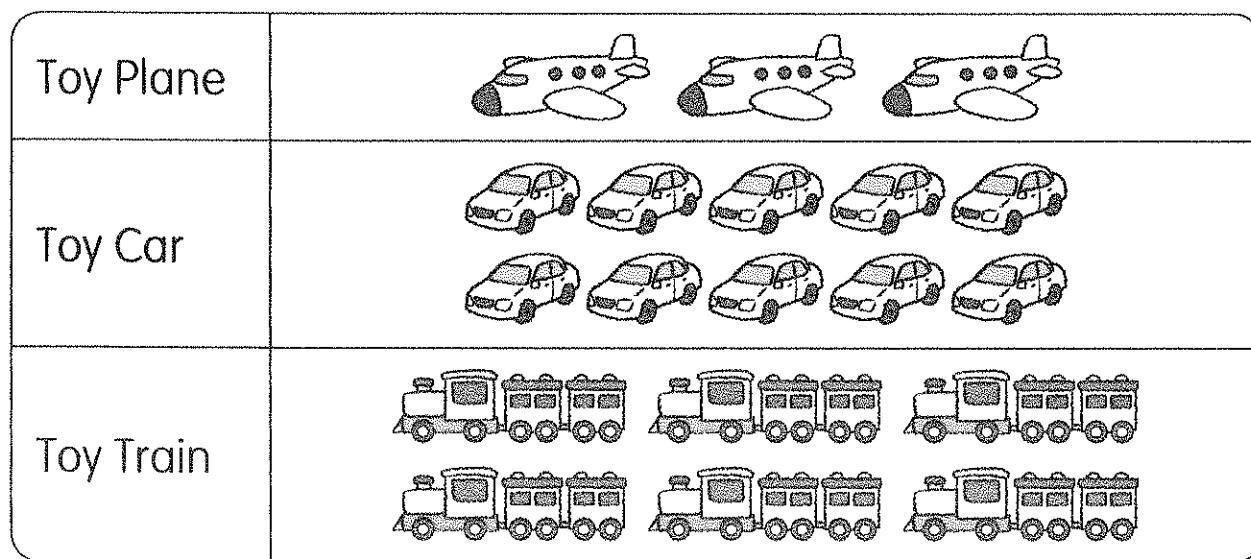
- 1 How many of Aarón's friends have their birthdays in January?

- 2 In which month do most of Aarón's friends have their birthdays?

Look at the picture graph.
Then, fill in each blank.

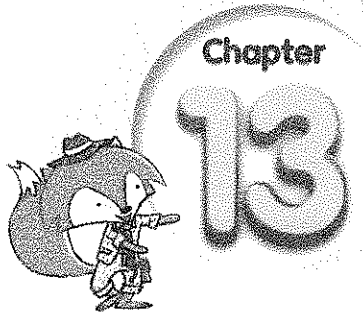
This picture graph shows all the toys in Taylor's toy box.

Toys in Taylor's Toy Box



- 3 There are _____ toy planes in Taylor's toy box.
- 4 There are _____ toy cars.
- 5 There are _____ toy trains.
- 6 The number of _____ is the greatest.
- 7 The number of _____ is the least.
- 8 There are _____ more toy cars than toy trains.
- 9 There are 7 fewer _____ than toy cars.

Name: _____ Date: _____



Extra Practice and Homework Money

Activity 1 Penny, Nickel, and Dime Match.



• penny



• nickel



• dime

Write the value of each coin.

Example



5 ¢

2



_____ ¢

3



_____ ¢

4



_____ ¢

5



_____ ¢

Complete the table.

6

Type of Coins	Value	Name
Five cent	5¢	nickel
Ten cent		
One cent		

Keisha has these coins.



**Count the pennies, nickels, and dimes.
Then, fill in each blank.**

- 7 There are _____ dimes.
- 8 There are _____ coins in all.
- 9 There are _____ fewer dimes than nickels.
- 10 There are _____ more pennies than dimes.
- 11 The value of the pennies is _____ ¢.
- 12 The value of the nickels is _____ ¢.
- 13 The value of the dimes is _____ ¢.