

# Digit Detectives Number Clues

## Level 1

**0**

1. What digit means nothing?
2. John had six chocolate chip cookies. He ate all six. How many cookies did John have left?
3. What is three take away three?
4. What digit is called a "hero" for its special properties?

**1**

1. What number is between 0 and 2 on the number line?
2. Susanna is an only child. How many children in her family?
3. It is the first of the month. What number are we looking at on the calendar?
4. Beatrice saw the word, "one" on the board. (Teacher writes the word one on the board.) What number is that?

**2**

1. What is  $1 + 1 = \underline{\quad}$  ?
2. How many in a pair?
3. What number is between 1 and 3 on the number line?
4. What number comes before three on the number line?

**3**

1. What number is between 2 and 4 on the number line?
2. What is  $1 + 1 + 1$  ?
3. What number comes after two on the number line?
4. Sarah Jane has a fish, a cat, and a dog? How many pets does Sarah Jane have?

**4**

1. What number comes after three on the number line?
2. What number comes before five on the number line?
3. What is the number of legs on a dog?
4. Margaret has two apples and two oranges. How many pieces of fruit does Margaret have?

**5**

1. What number is between 4 and 6 on the number line?
2. How many toes on one foot?
3. What is  $1 + 4$ ?
4. What number comes before six on the number line?

**6**

1. What number is between 5 and 7 on the number line?
2. Bridget is five years old. How old will Bridget be on her next birthday?
3. What number is after five on the number line?
4. What number is one less than seven?

**7**

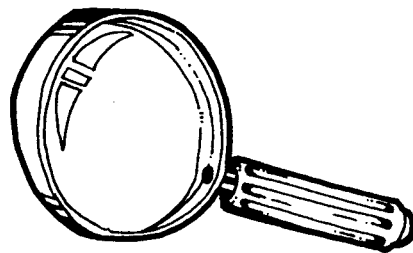
1. How many days in a week?
2. What number is between 6 and 8 on the number line?
3. What number is before eight on the number line?
4. Hold up five fingers. Hold up two more fingers. How many fingers are up?

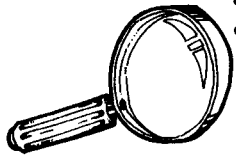
**8**

1. What number is after seven on the number line?
2. What number comes between 7 and 9 on the number line?
3. What is one more than seven?
4. Martin loves to skip count by twos. He started skip counting 2, 4, 6 and forgot what comes next. What number comes next in the pattern 2, 4, 6, \_\_\_\_\_ ?

**9**

1. What number is between 8 and 10 on the number line?
2. What is one less than 10?
3. What number is before 10 on the number line?
4. Priscilla like to write this word. (Teacher writes the word "nine" and points.) What is the number represented by this word?





## Digit Detectives Number Clues Level 2

**0**

1. What number is so powerful when you add, that it does not change the other addend?
2. What is  $9 - 9$ ?
3. James had a nickel in his pocket. He bought a gumball that cost 5¢. How much money does he have left?
4. What is 15 take away 15?

**1**

1. What is the difference between five and six?
2. What is the sum of one half and one half?
3. What is the next day after the last day of each month?
4. Jason had a dime and a penny. He spent the dime on a cup of lemonade. How much does he have left?

**2**

1. Andrea has 12 apples. The apple crisp she is making takes 10 apples. How many apples will she have left after making the apple crisp?
2. What is four less than six?
3. How many is a couple?
4. How many groups of four are there in eight?

**3**

1. What is the number of sides on a triangle?
2. Barbara had 6 packages of Smarties to divide among herself and a friend. How many packages would each one get?
3. What is the difference between 9 and 6?
4. How many wheels on a tricycle?

**4**

1. What is the sum when you double 2?
2. What is the number of sides on a quadrilateral?
3. How many sides on a rectangle?
4. How many seasons in a year?

**5**

1. How many pennies in a nickel?
2. What is 7 less than 12?
3. What is 2 more than 3?
4. Cory had 25¢ in his pocket. He bought an eraser for 20¢. How many cents did he have left?

**6**

1. What is two groups of three?
2. Four more than 2 is \_\_\_\_\_.
3. McKenzie grabbed a hexagon from the pattern blocks. How many sides on a hexagon?
4. How much is a nickel and a penny?

**7**

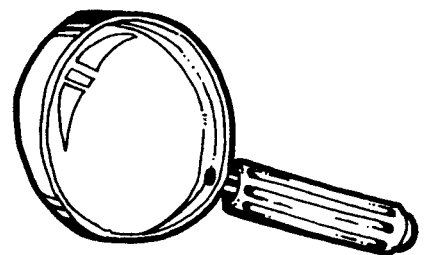
1. How many digits in a phone number without the area code?
2. What is the sum of  $2 + 2 + 3$ ?
3. What is two less than nine?
4. What is two groups of three plus one more?

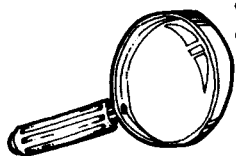
**8**

1. What is  $3 + 3 + 2$ ?
2. What is 3 less than 11?
3. James brought 2 bags filled with 4 cans of soda in each bag. How many cans of soda did he have?
4. How many legs on an octopus?

**9**

1. What is three groups of three?
2. What is five less than 14?
3. What is the difference between 12 and 3?
4. Steven had 25¢ in his hand. He decided to buy 2 pieces of candy for 3¢ apiece. He also bought a pencil for 10¢. How much did Steven have left after his spending spree?





## Digit Detectives Number Clues

### Level 3

#### 0

1. What is the identity element for addition?
2. What happens when you take any number away from itself?
3. What is 42 take away 42?
4. What digit is called a "hero" because of its special properties?

#### 1

1. What is the sum of  $0 + 1$ ?
2. Twenty students come to class today. The teacher has 20 marshmallow treats. How many marshmallow treats does each student receive?
3. What is the difference between 24 and 23?
4. What is the identity element for multiplication?

#### 2

1. Twelve people are invited to dinner. Ten people order the chicken. How many people did not order chicken?
2. What is 8 less than 10?
3. How many poles are there on Earth?
4. What is 12 divided by 6?

#### 3

1. Rebecca missed school on Tuesday, Wednesday and Thursday. She attended school on Monday and Friday. How many days of school did Rebecca miss that week?
2. Patrick had one dollar. He spent 97¢ How many pennies did he receive as change?
3. What is  $3 \times 1$ ?
4. What is  $15 - 12$ ?

#### 4

1. What is the product of  $2 \times 2$ ?
2. What is the number of sides on a rhombus?
3. How many angles in a square?
4. How many letters in the word love?

**5**

1. How many nickels in a quarter?
2. What is  $25 - 20$ ?
3. How many sides on a pentagon?
4. Arielle made 30 cupcakes to celebrate her birthday. She gave each student one cupcake. There are 25 students in her class. How many cupcakes were left for Arielle?

**6**

1. How many angles in a hexagon?
2. What is  $\frac{1}{2}$  of a dozen?
3. What is  $24 - 18$ ?
4. What is 3 groups of 2?

**7**

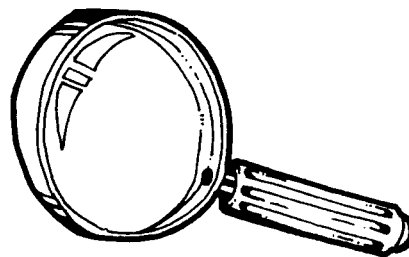
1. What is the sum of  $1 + 2 + 3 + 1$ ?
2. What is the difference between 4 and 11?
3. Jeff was walking to school with a nickel in his pocket. He found two pennies on the way to school. How much money does he now have?
4. Divide 14 into two equal groups. How many in each group?

**8**

1. How many legs on two elephants?
2. What is  $4 \times 2$ ?
3. Jessica has 16 beads for necklaces. Each necklace uses two beads. How many necklaces can Jessica make?
4. How many sides on an octagon?

**9**

1. How many wheels on three tricycles?
2. What is the missing number in this equation,  $\_\_\_\_ \times 2 = 18$ ?
3. How many planets ring the sun?
4. How many baseball players are out in the field during an inning?



# Digit Detective Number Tiles

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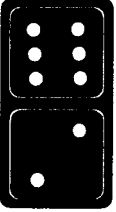


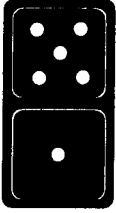
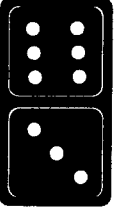

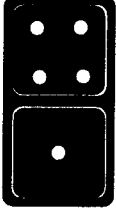
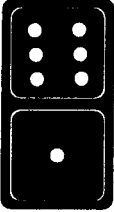

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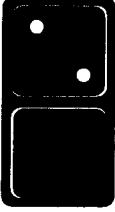


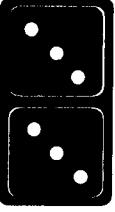
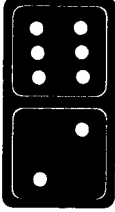


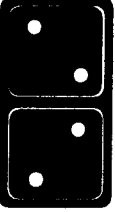
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# Digit Detective Boards


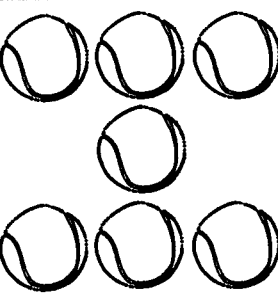
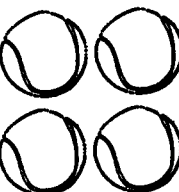
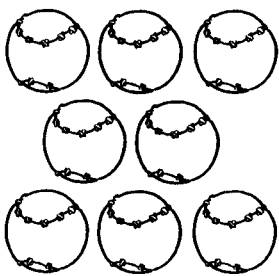
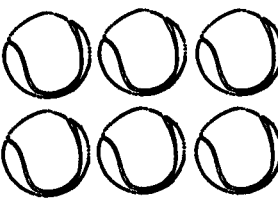

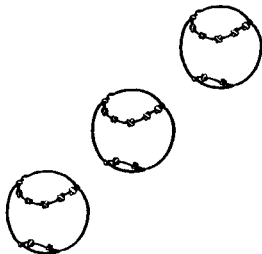
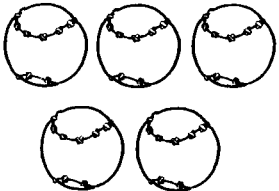
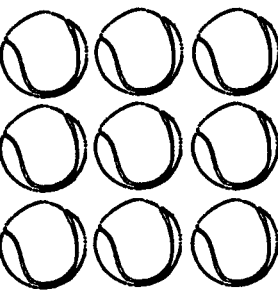
	
	
	
	
	

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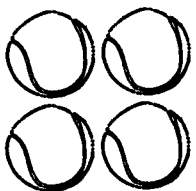
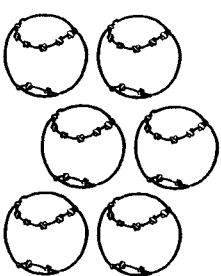
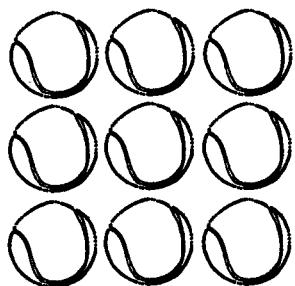
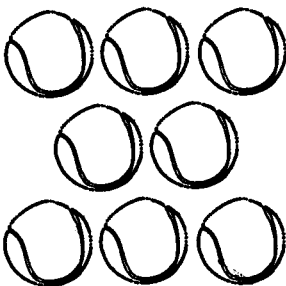

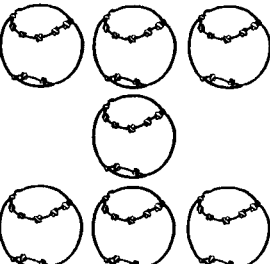

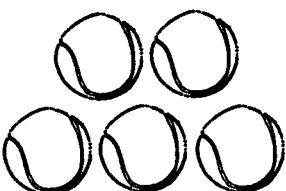

	
	
	
	
	




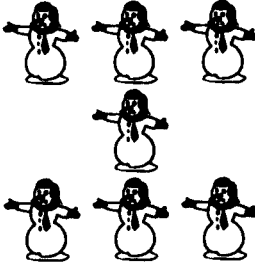


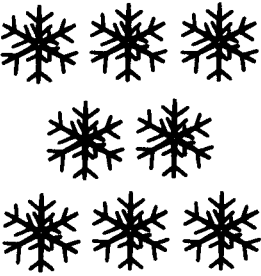
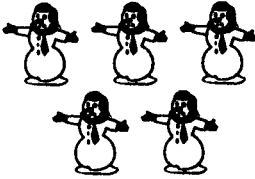
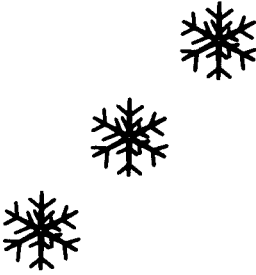

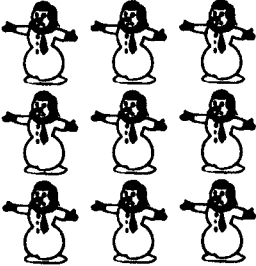
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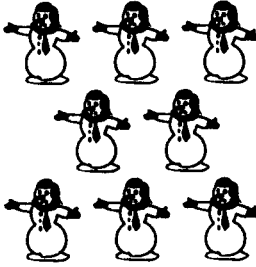

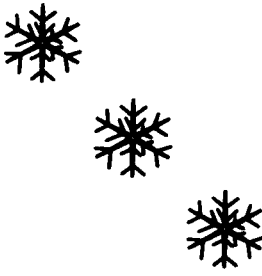
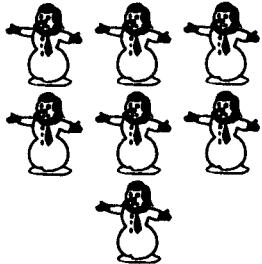



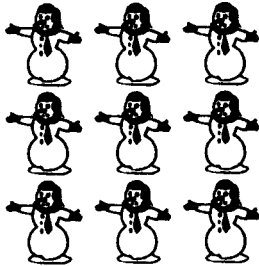

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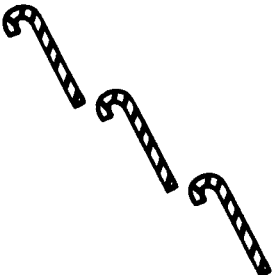


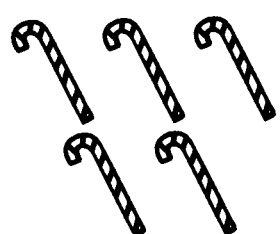
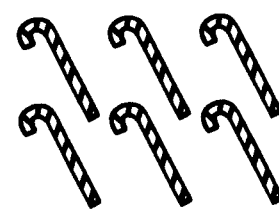
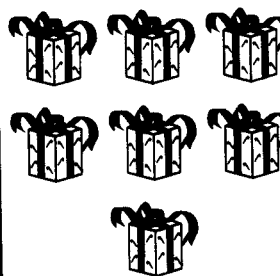



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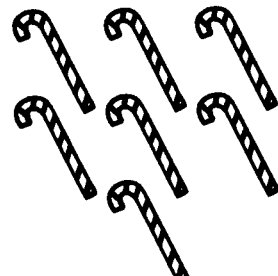
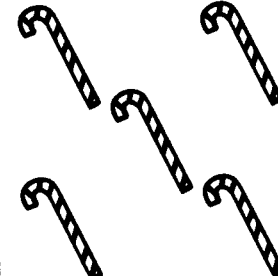
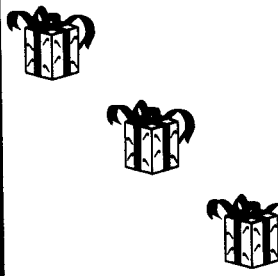

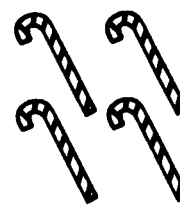


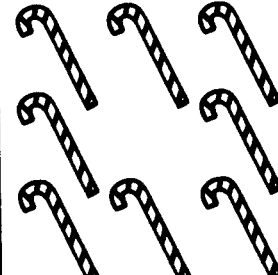
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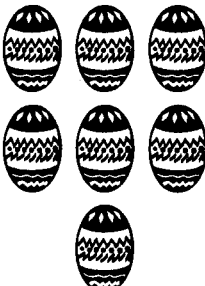

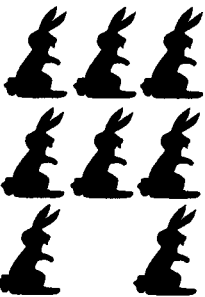
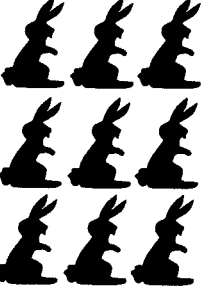

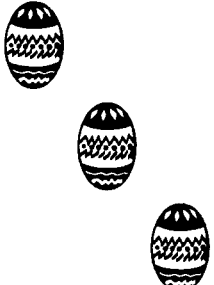
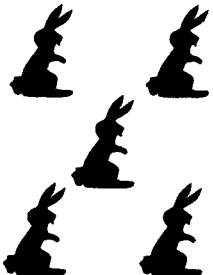
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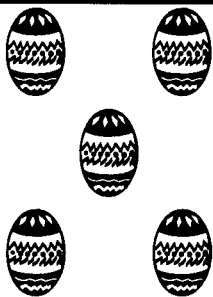



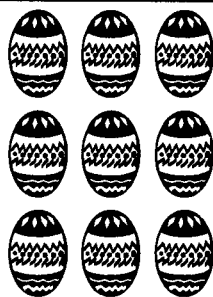
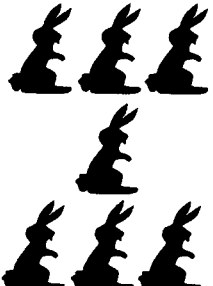
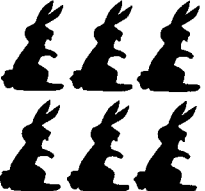

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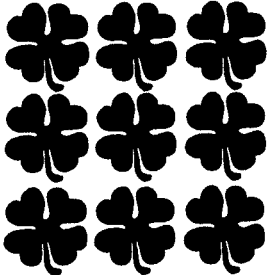
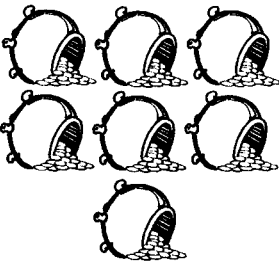


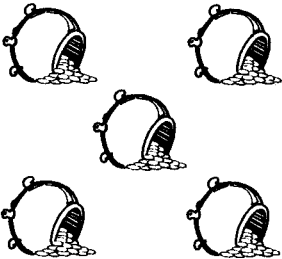
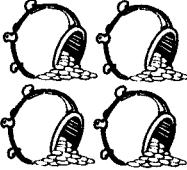

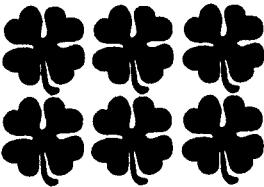
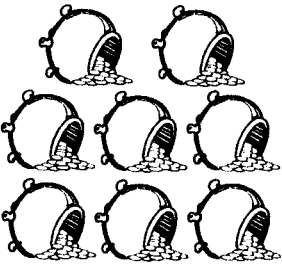
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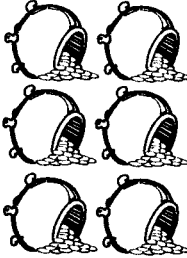
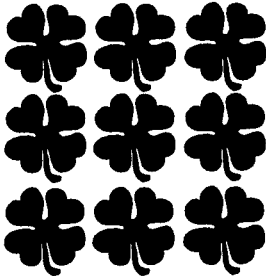
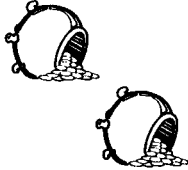
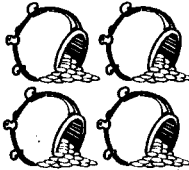
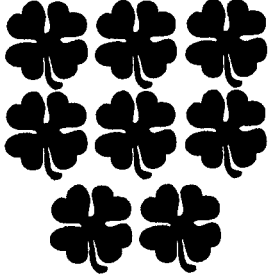

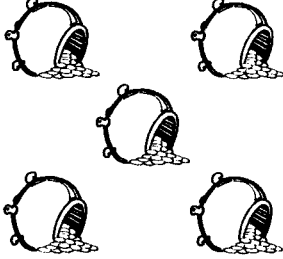
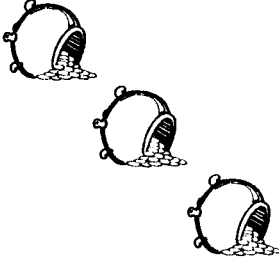
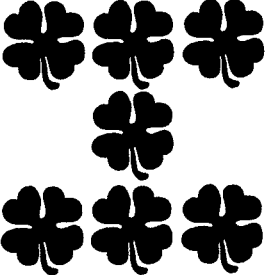
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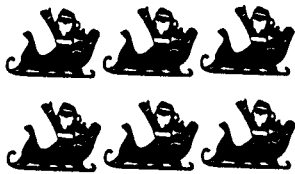
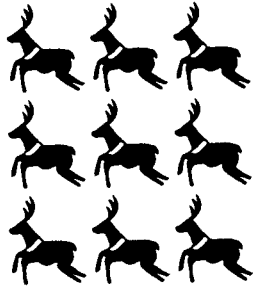

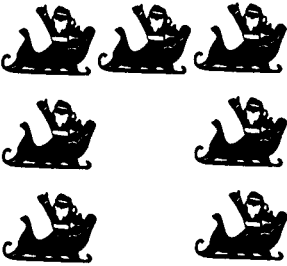

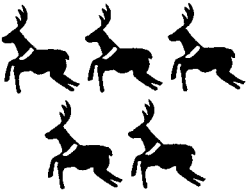
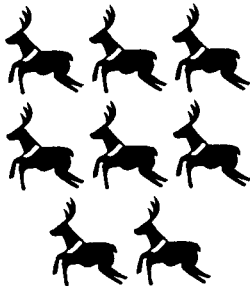


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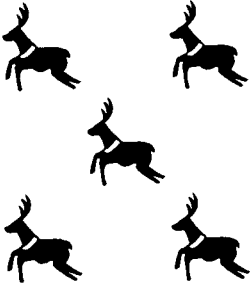


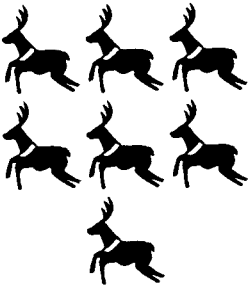
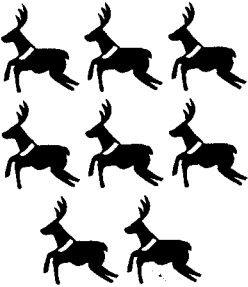

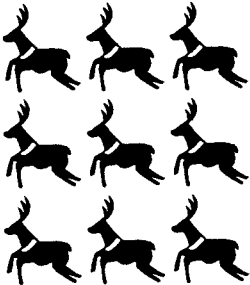
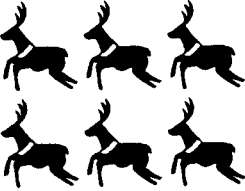
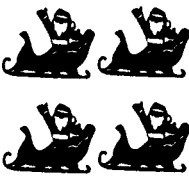
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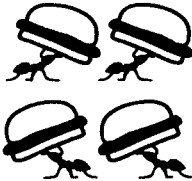
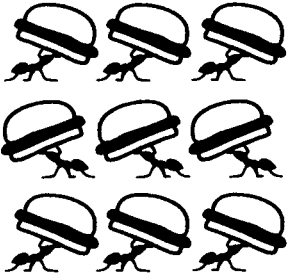
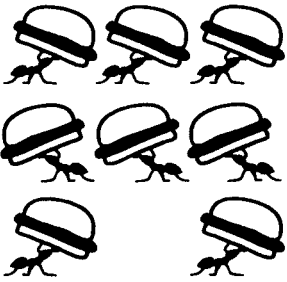
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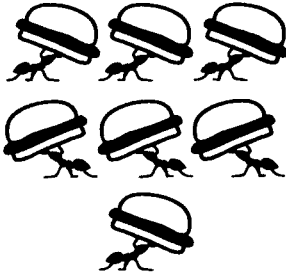
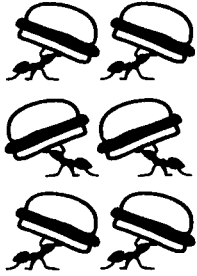


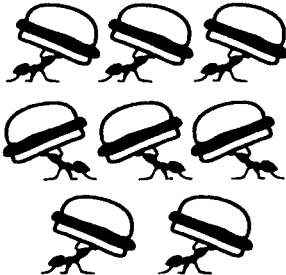
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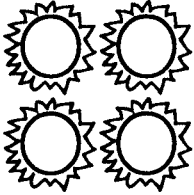

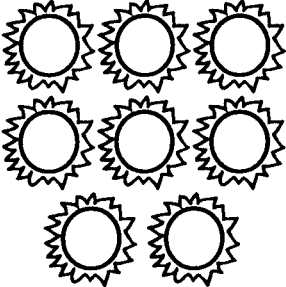
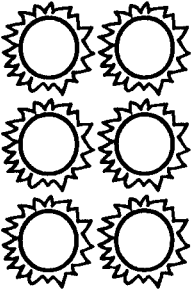


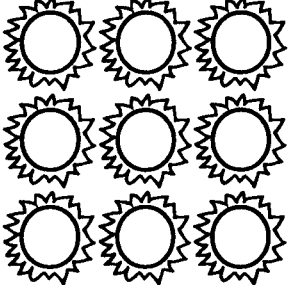
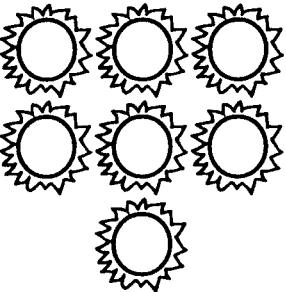
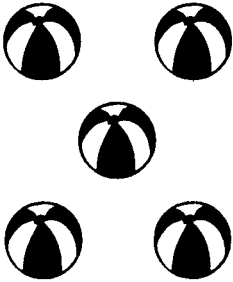
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7	
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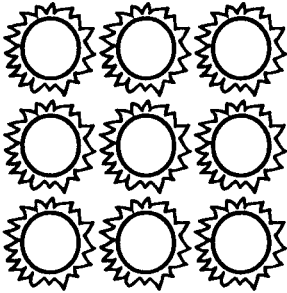
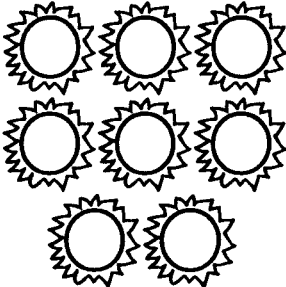


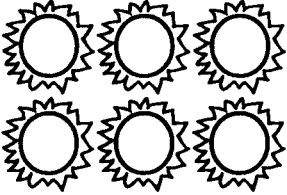
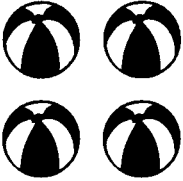
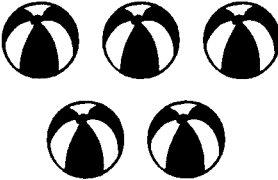
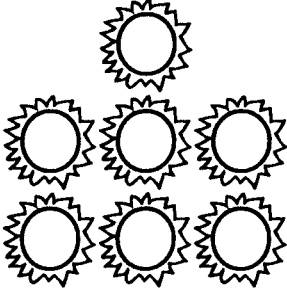
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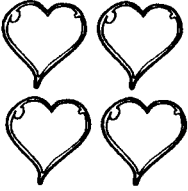
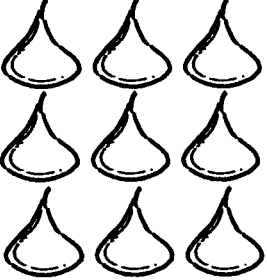



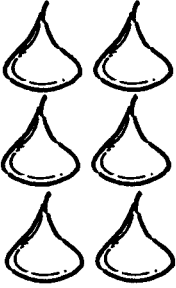
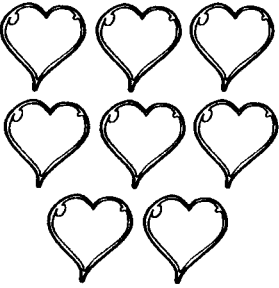
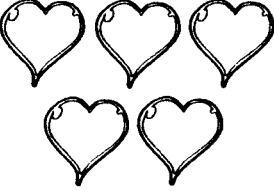
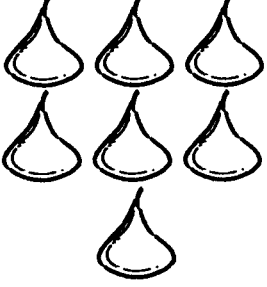
	
	
	
	
	

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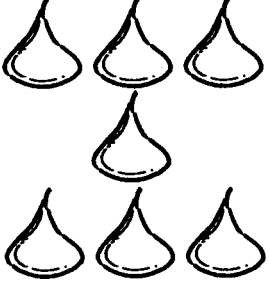

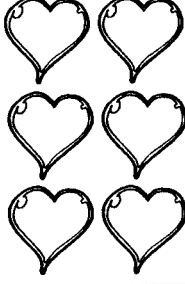
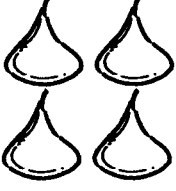

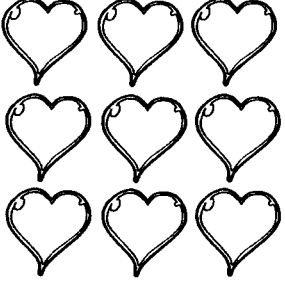
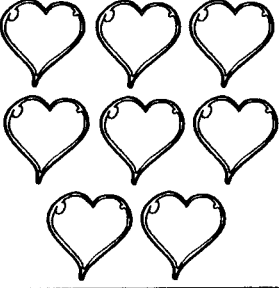

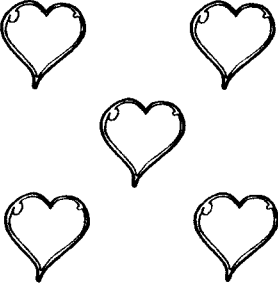
	
	
	
	
	



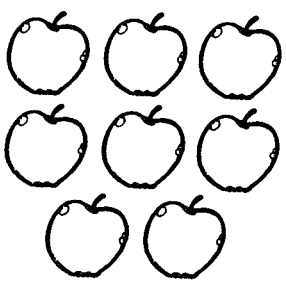

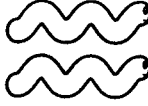
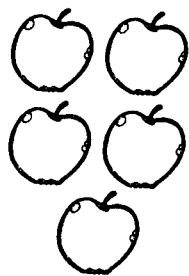
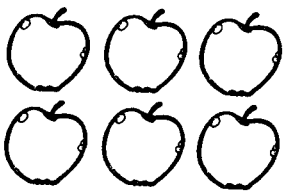
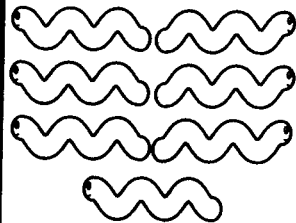
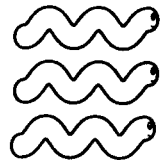
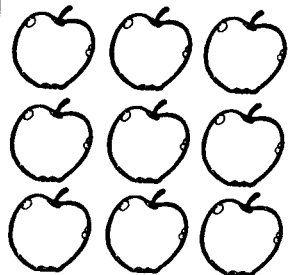

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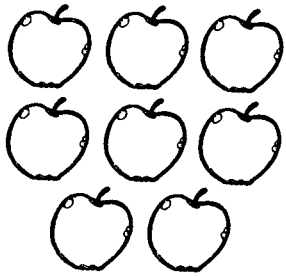
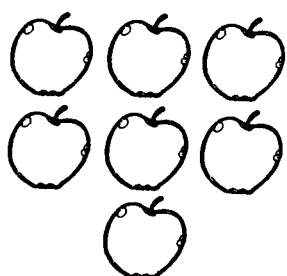
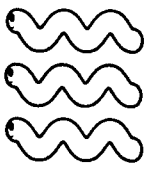
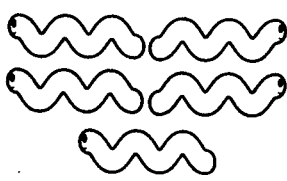
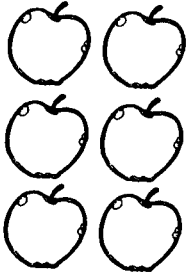


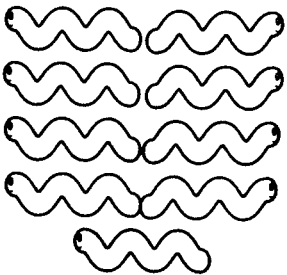
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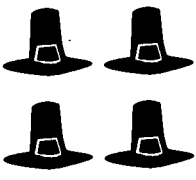
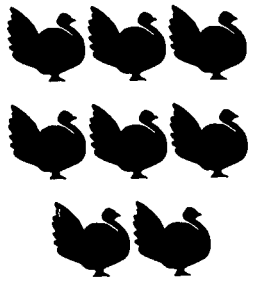

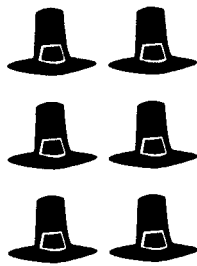
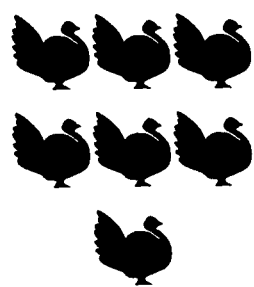
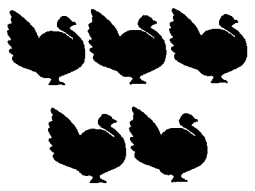

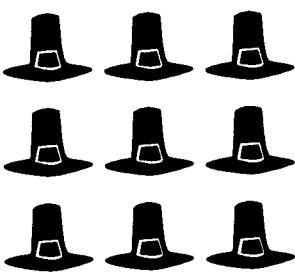

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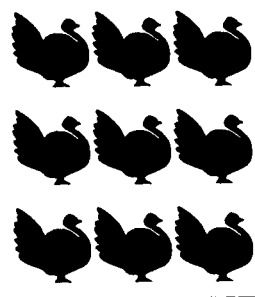



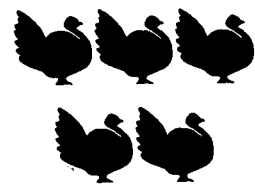
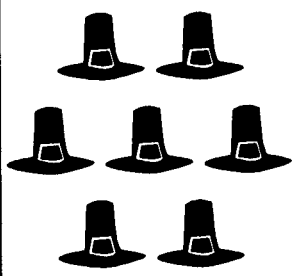
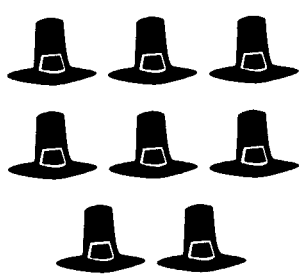
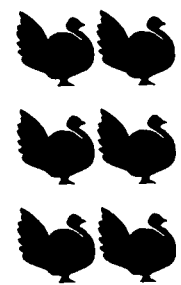
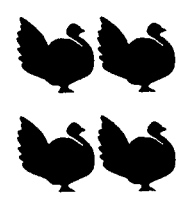
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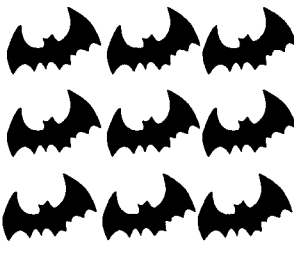
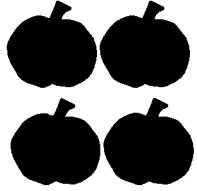
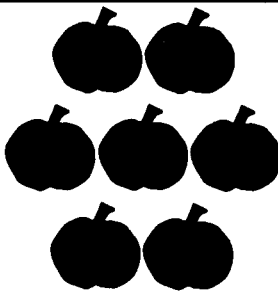
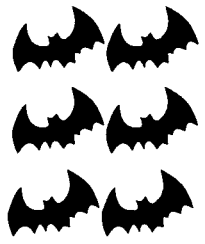
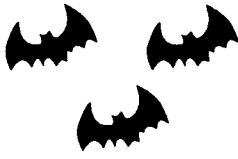
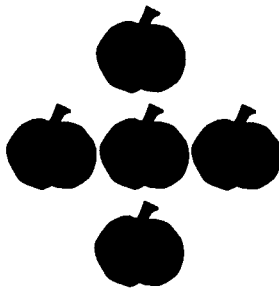

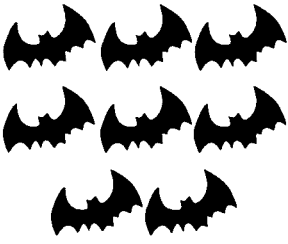

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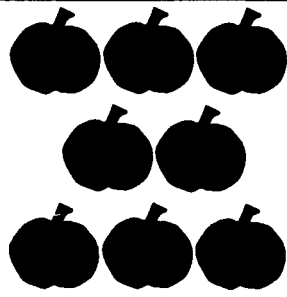

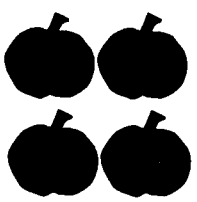

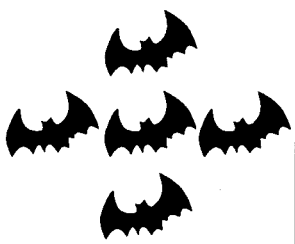

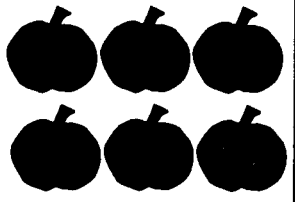
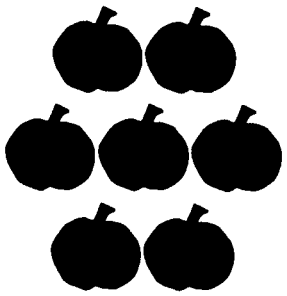
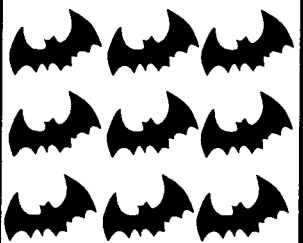
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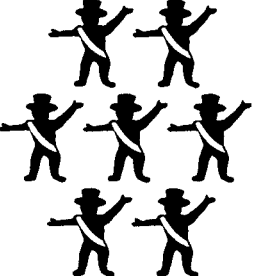
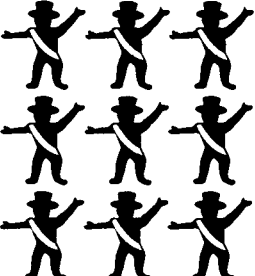

# Digit Detective Board


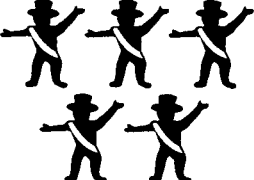
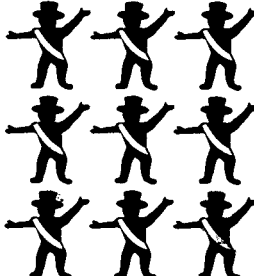


# Digit Detective Board


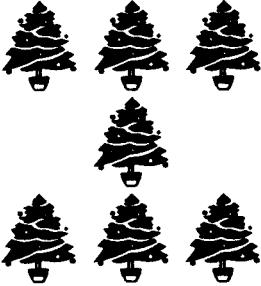

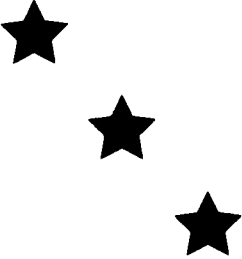

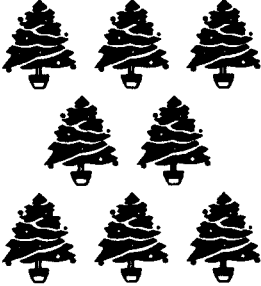



# Digit Detective Board

5	
	1
8	
	4
0	

# Digit Detective Board

	4
2	
	8
0	
	7

# Digit Detective Board

# Digit Detective Board

