Summer Math Packet for Students Entering 2nd Grade

## Mid-Year Review

### Test Prep

**Multiple Choice**

**Fill in the circle next to the correct answer.**

**1.** How many stars are there?

| ☆ | ☆ | ☆ | ☆ | ☆ |
|---|---|---|---|---|
| ☆ |  |  |  |  |
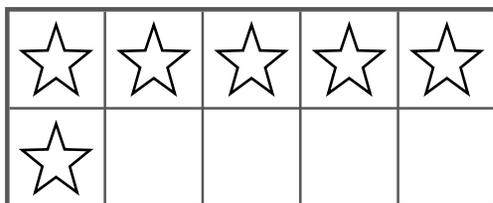
Ⓐ 10          Ⓑ 8          Ⓒ 7          Ⓓ 6

**2.** Which number is greater than 8?

Ⓐ 8          Ⓑ 10          Ⓒ 7          Ⓓ 0

**3.** Which star makes 10?

$6 + 4$          $7 + 2$          $5 + 3$          $0 + 1$

Ⓐ          Ⓑ          Ⓒ          Ⓓ
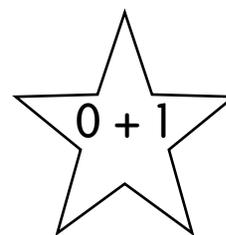
**4.** Which star makes 1 less than 7?

$8 - 2$     $7 - 2$     $9 - 5$     $10 - 8$

(A)      (B)      (C)      (D)

**5.** Find the missing number.

$$\boxed{\phantom{0}} + 9 = 10$$

(A) 11     (B) 8     (C) 1     (D) 0

**6.** Find the missing number.

$$8 - \boxed{\phantom{0}} = 4$$

(A) 8     (B) 5     (C) 4     (D) 2

**7.** How many sides does a ◁ have?

(A) 4     (B) 3     (C) 2     (D) 0

**8.** How many corners does a ◯ have?

(A) 0     (B) 1     (C) 2     (D) 5

**Name:** _____ **Date:** _____

**9.** How are these shapes sorted?
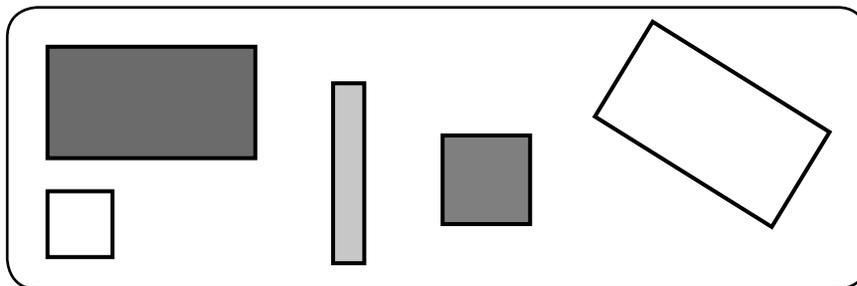


(A) shape

(B) color

(C) size

(D) number of sides

**10.** Which solid shape can you roll <u>and</u> slide?

(A) sphere (B) cone (C) cube (D) pyramid

**11.** Complete the pattern.



(A) (B) (C) (D)
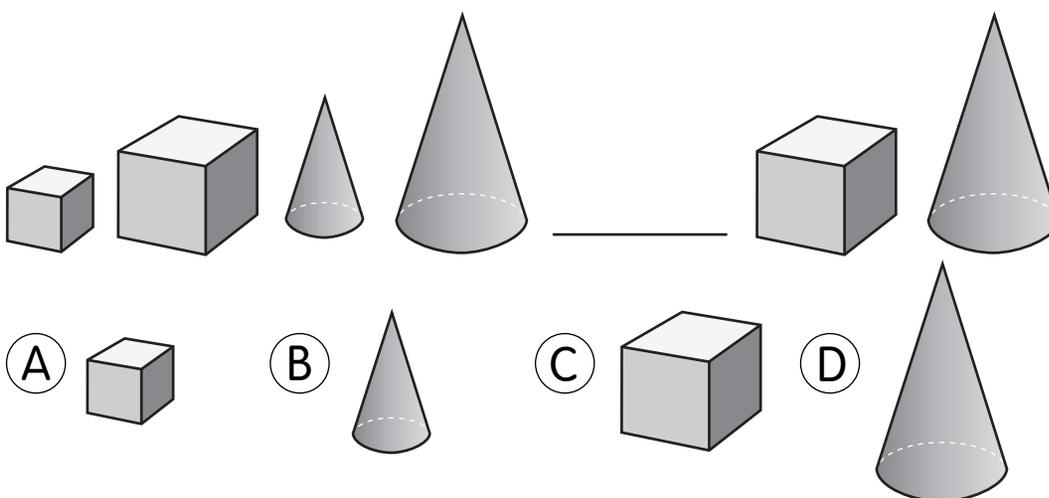
**12.** In which position is the black bird?
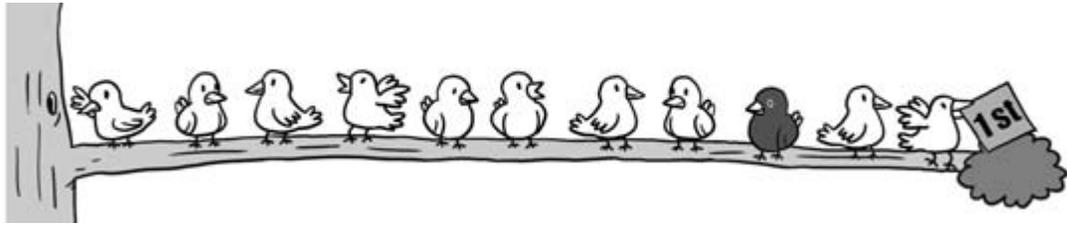


(A) 3rd    (B) 5th    (C) 9th    (D) 10th

**13.** What do ten and nine make?

(A) 1    (B) 9    (C) 19    (D) 20

**14.** 16 − 8 = ?

(A) 8    (B) 9    (C) 16    (D) 18

**15.** The tennis racket is about _____ shoes long.
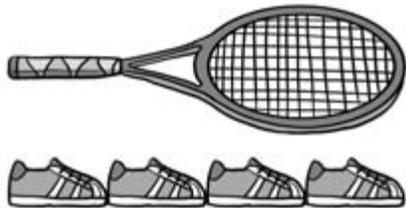


(A) 5    (B) 4    (C) 3    (D) 1

## Short Answer

**Read the questions carefully.**
**Write your answers in the space given.**

**Write the numbers in words.**

**16.**   8      _____

**17.**   19     _____

**18.**   12     _____

**Complete the number patterns.**

**19.**   _____ 1, 2, 3, _____, 5

**20.**   _____, 16, 14, _____, 10, 8 _____

**Add.**

**21.**   $7 + 8 =$ _____
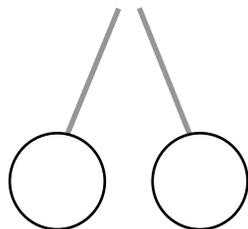
**22.**   $20 - 7 =$ _____
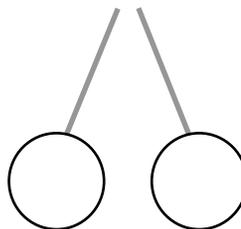
**Order the numbers from greatest to least.**

**23.**

| 19 | 9 | 20 | 10 |

_____  _____  _____  _____

**Look at the picture.**
**Circle the words for the shapes you see.**

**24.**
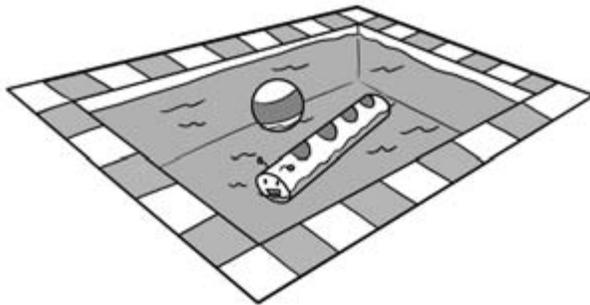


circle     rectangle     square     triangle

sphere     pyramid     cylinder     cone     cube

**Look at the picture.**
**Then fill in the blanks.**
**Use the words in the box.**

Maria  Josh  Liping Jamal
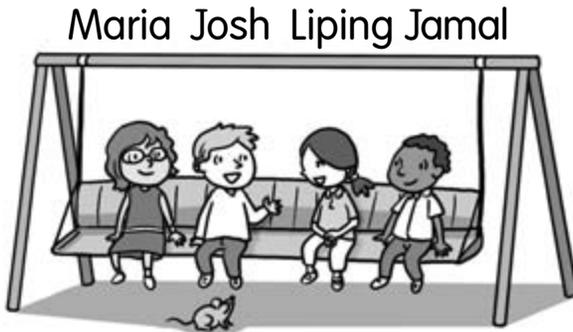


| left | right |
|------|-------|
| between | above |
| below | next to |
| first | second |
| third | second |

**25.**  Maria is last from the _____.

**26.**  Jamal is _____ on the right.

**27.**  Liping is _____ Josh and Jamal.

**28.**  The mouse is _____ Josh.

**Look at the picture.**
**Then fill in the blanks.**



1 unit

A     B     C
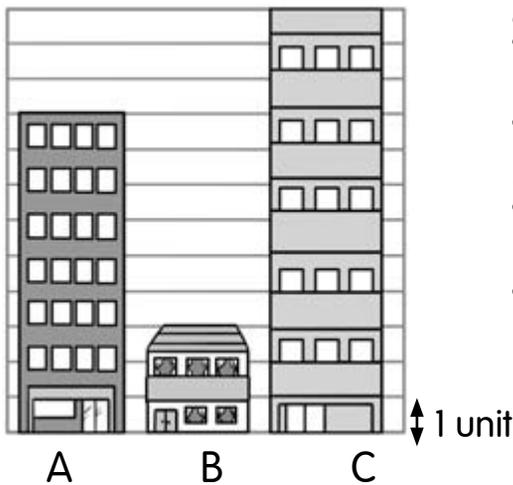
**29.**  Building A is _____ units tall.

**30.**  Building B is _____ units tall.

**31.**  Building C is _____ units tall.

**32.**  Building _____ is the tallest.

## Extended Response

**Solve.**

**33.**
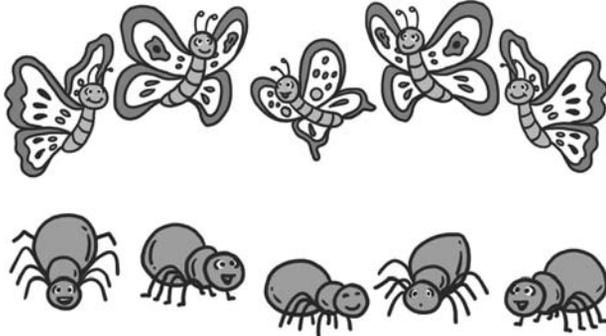


There are _____ butterflies.

There are _____ spiders.
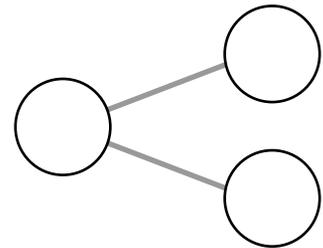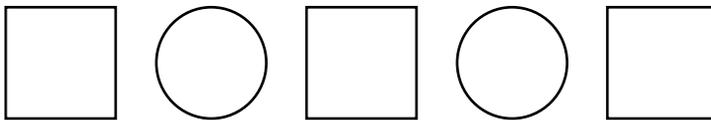


There are _____ butterflies and spiders in all.

**34.**
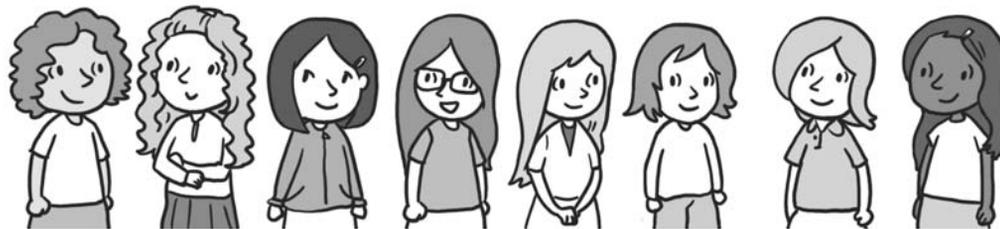


There are 8 girls.

2 girls have curly hair.
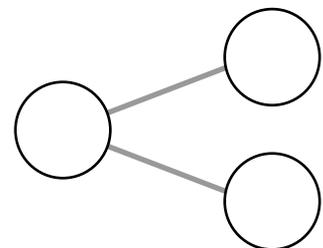


_____ girls have straight hair.

**Show the number.**

**Draw ▯ for tens and ☐ for ones.**

**Then fill in the blanks.**

**35.**

| Tens | Ones |
|------|------|
|      |      |
|      |      |

17

| Tens | Ones |
|------|------|
|      |      |
|      |      |

11

_____ is the greater number.

It is greater by _____.

**Fill in the blanks.**

**36.**  $7 + 8 = ?$      $7 + 8$ is double _____ plus _____.

$7 + 8 = 7 +$ _____ plus _____

$=$ _____ $+ 1$

$=$ _____

**37.** Mom has 13 buttons.
She uses some to sew a dress.
7 buttons are left.
How many buttons does Mom use?

□ ○ □ ○ □
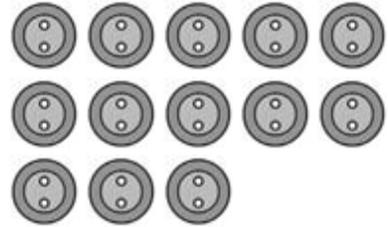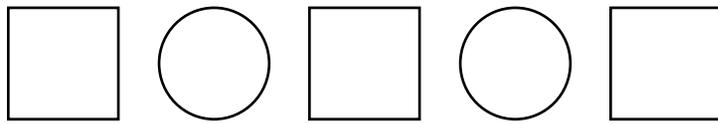
Mom uses _____ buttons.

**38.** Andrew gives away 9 muffins.
He has 8 muffins left.
How many muffins did he
have at first?

□ ○ □ ○ □
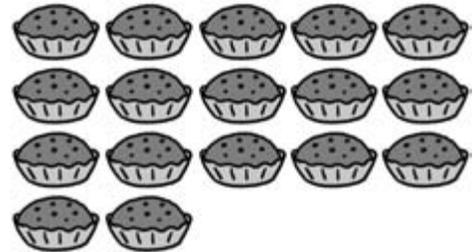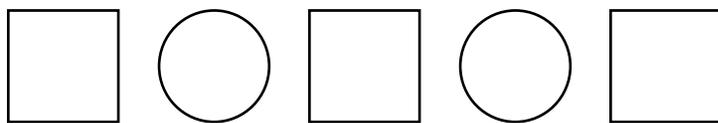
Andrew had _____ muffins at first.

**39.** Follow the directions:

First, draw a start line.

Next, draw a shorter arrow.

Then, draw an arrow that is longer than the other arrows.

Last, circle the shortest arrow.

→

# End-of-Year Review

## Test Prep

**Multiple Choice**

**Fill in the circle next to the correct answer.**

1. Which month has less than 31 days?

   Ⓐ January  Ⓑ March  Ⓒ April  Ⓓ October

2. Nina works from Wednesday to the following Monday. How many days does she work?

   Ⓐ 5  Ⓑ 6  Ⓒ 7  Ⓓ 8

3. _____ is the season that comes after Spring.

   Ⓐ Summer  Ⓑ Hot  Ⓒ Winter  Ⓓ Fall

4. The _____ has a value of 5¢.

   Ⓐ   Ⓑ   Ⓒ   Ⓓ 

   penny      dime      quarter      nickel

5. What is the value of the coins?

   

   Ⓐ 7¢  Ⓑ 19¢  Ⓒ 29¢  Ⓓ 34¢

**6.** This is the money Shari has.



She buys a red ribbon for 15¢.
How much money does she have left?

(A) 43¢    (B) 53¢    (C) 50¢    (D) 87¢

**7.** 55¢ + 12¢ = ?

(A) 35¢    (B) 53¢    (C) 67¢    (D) 75¢

**8.** The third Friday in July is July 17.
What will the fourth Friday be?

(A) July 24   (B) July 22   (C) July 15   (D) August 1

**9.** 65 comes just before _____.

(A) 55    (B) 64    (C) 66    (D) 75

**Name:** _____  **Date:** _____

**10.**



3 tens and 6 ones is the same as _____.

(A) 8          (B) 11          (C) 36          (D) 83

**11.** Look at the number pattern.
Which number comes next?
28, 31, 34, 37, 40 _____

(A) 31          (B) 41          (C) 43          (D) 50

**12.** 10 more than 65 is _____.

(A) 55          (B) 56          (C) 85          (D) 75

**13.** Add 16 to 57.

(A) 13          (B) 63          (C) 73          (D) 83

**14.** Find the missing number.
_____ 15, 25, 35, 45

(A) 0          (B) 5          (C) 10          (D) 55

**15.** Subtract.

   4  5
 − 3  6
 ――――

(A) 9        (B) 11        (C) 19        (D) 81

**16.** Add mentally.

15 + 24 = _____

(A) 7        (B) 13        (C) 39        (D) 35

**17.**



There are _____ stickers in all.

(A) 6        (B) 12        (C) 24        (D) 30

**18.** There are _____ squares in the figure.
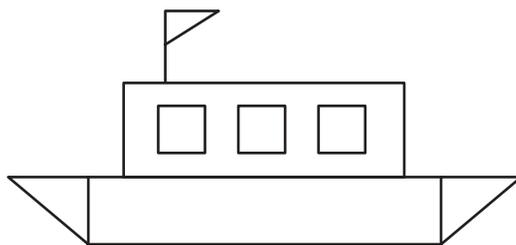


(A) 3        (B) 4        (C) 5        (D) 6

**19.**



The pencil is about _____ —○ long.

(A) 8          (B) 2          (C) 6          (D) 4

## Short Answer

**Read the questions carefully.**
**Write your answers in the space given.**

**Write the number in words.**

**20.**  11 _____          **21.**  87 _____

**Write the number.**

**22.**  fifty-four _____          **23.**  twenty-six _____

**Look at the pictures.**
**Then fill in the blanks.**
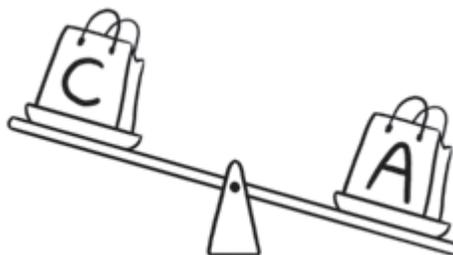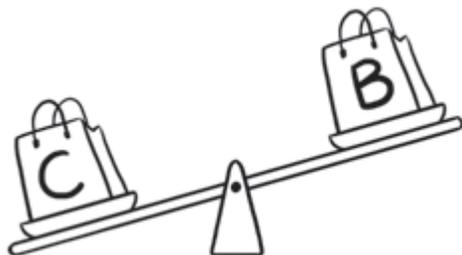


**24.**  Order the bags from lightest to heaviest.

_____  _____  _____
lightest

**Look at the picture.**
**Then fill in the blanks.**
**Use ○ as 1 unit.**

apple                    beads          watermelon              beads
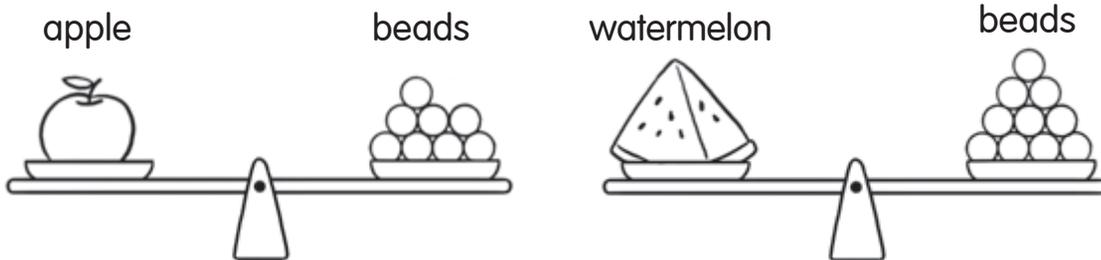
25.   The weight of the apple is about _____ units.

26.   The weight of the watermelon is about _____ units.

27.   The _____ is heavier than the _____ .

**Look at each picture.**
**Then write the time.**

28.                                              29.

_____                                   _____

**Name:** _____  **Date:** _____

**30.** **Look at the picture.**
**Then write the number in words.**

_____
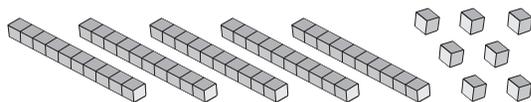
**31.** Order the numbers from greatest to least.

| 75 | 41 | 18 | 29 |

_____, _____, _____, _____
greatest

**Circle the two numbers that add up to 4 tens and 4 ones.**

**32.**  24       27       51       30       17

**Add the 2nd and 5th numbers.**

**33.**

| 37 | 20 | 19 | 62 | 45 | 83 | 51 |
| 1st | | | | | | |

_____

**34.** Subtract 6 tens 4 ones from 8 tens 2 ones.

_____

**Name the shape that is shaded.**

**35.**



_____
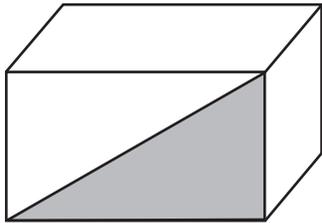
**Look at the number line.**
**Fill in the missing numbers.**

**36.**



45   ☐ ☐ ☐   65   ☐   75   80   ☐
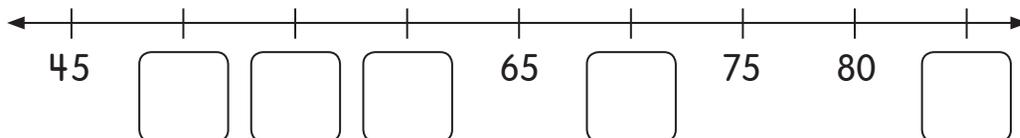
**Look at the picture.**
**Circle the correct word.**

**37.**

Liz     Anita     Ethan



**a.**   Liz is first     last from the left.

**b.**   Ethan is in front of    behind Anita.

## Extended Response

**The picture graph shows the favorite food of 12 children.**

**38.**

### Favorite Food



| Fish | Pasta | Soup | Chicken |

Each ⬠ stands for 1 child.
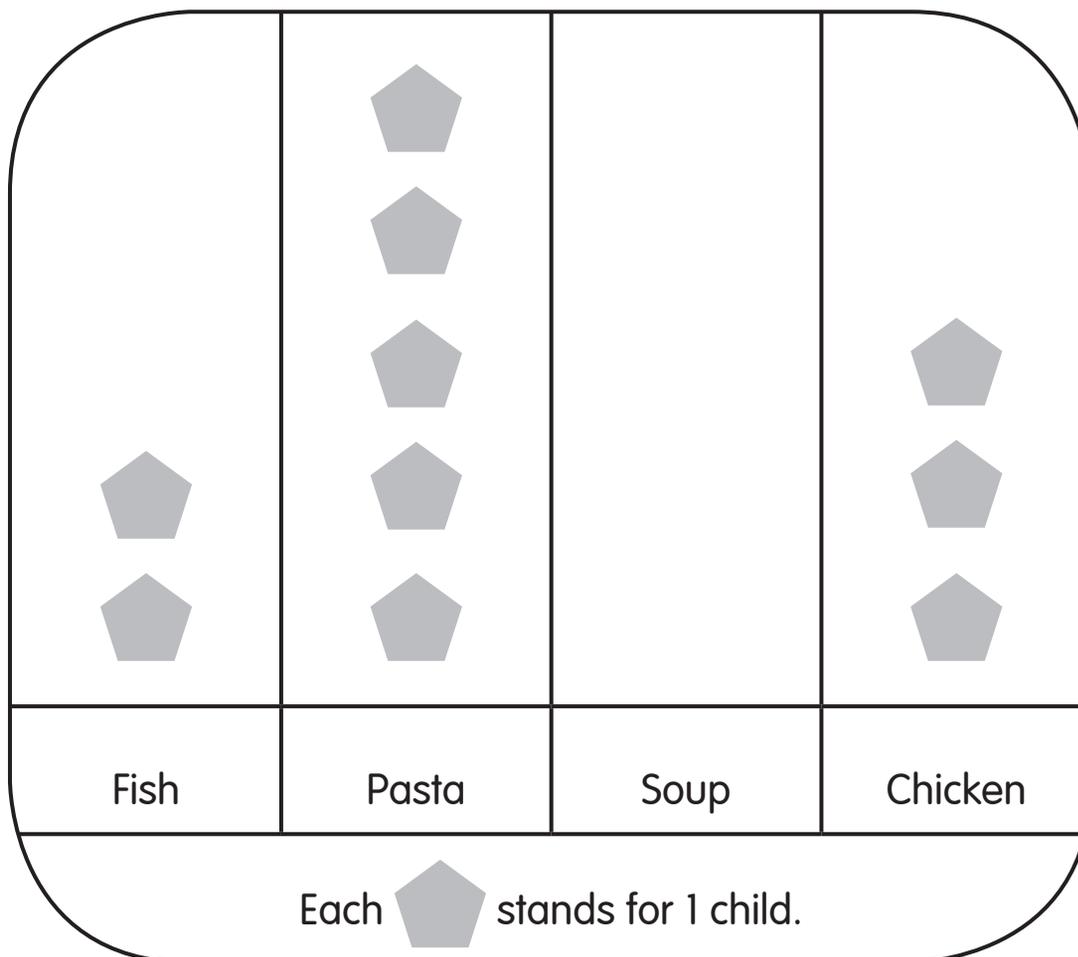
## Solve.

**a.** The same number of children named fish and soup as their favorite food.

Draw ⬠ to show the number of children who like soup.

**b.** _____ is the favorite food for the most children.

Ten families live on the same street.
Every family has one pet.
The picture shows their pets.



**Complete the tally chart to show the pet data.**
**Then answer the questions.**

**39.**

| Kinds of Pets | | Tally | Number |
|---|---|---|---|
| Hamster | | | |
| Cat | | | |
| Bird | | | |

a. How many pets are there in all? _____

b. Which pet has the greatest number? _____

**Name:** _____    **Date:** _____

**Make a bar graph using the data from the tally chart.**

**c.**

**Pets**

**Kinds of Pets**

Hamster

Cat

Bird

0  1  2  3  4  5  6  7  8  9  10

**Number of Animals**
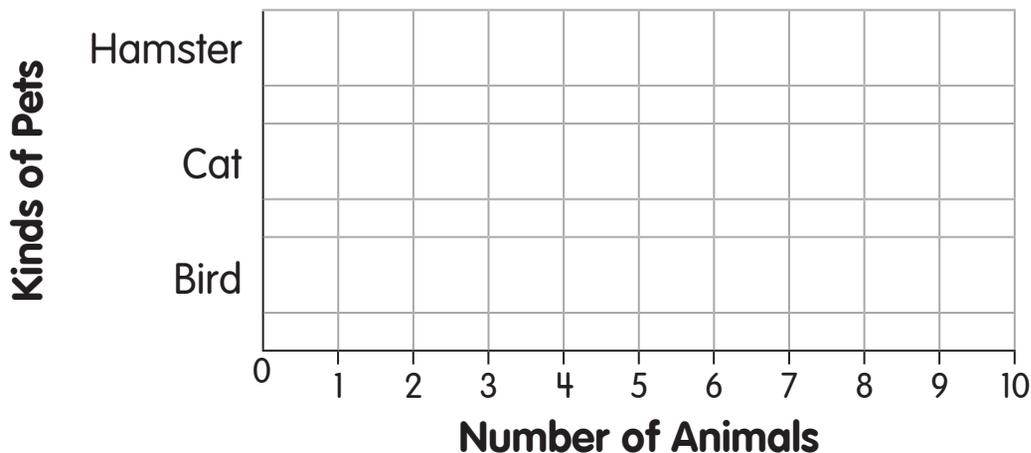
**Solve.**

**40.**  Sam has 32 marbles
He puts all the marbles in bags.
He puts 4 marbles in each bag.
How many bags does he use?

He uses _____ bags.