CALVERT EDUCATION

Primary Math Placement Test

Please Fill In This Form Completely

_____ _____ _____ _____/_____/_____
Name of child | Boy/Girl | Age | Month | Day | Year of birth

_____ _____
Street address | Current grade and date student will finish

_____ _____ _____
City | State | Zip/Postal Code

_____
Name of parent/guardian

(_____) _____ - _____ _____
Daytime phone | Email address

Note: The purpose of this test is to determine if your kindergarten, first-grade, second-grade, or third-grade child is prepared for the first-grade, second-grade, or third-grade Math course.

I am requesting Math grade level: 1 2 3 (Please circle Math level requesting.)

Comments, Additional Information

The parent is invited to add any comments below that may be helpful in enrolling the student in the proper course. It is helpful to know if the child has special needs, talents, health problems, etc. (Use an extra page if needed.)

SUBMITTING THE TEST: Mail or e-mail the completed test using the directions below.

MAIL: Calvert Education Services • 10713 Gilroy Road, Suite B • Hunt Valley, MD 21031

E-MAIL: Please scan the test and questionnaire pages as a single PDF file. Be sure that the writing is clear and dark enough to produce a clearly scanned document. Attach this to your e-mail and type "Calvert Placement Test" in the subject line of the message. Send your e-mail to placement@calvertservices.org.

IMPORTANT: DO NOT FAX THE TEST.

Primary Math Assessment Test

(Assesses readiness for Grades 1-3 math)

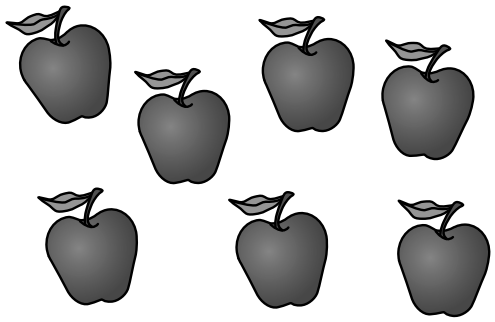
DIRECTIONS: This placement test will evaluate your student on the skills necessary to successfully begin the First, Second, or Third Grade Math curriculum. Work with your child to complete the test, offering minimal assistance as needed. Please be sure to read all questions and directions to your student, clarifying and rephrasing as is necessary. Remember, your student should complete the work independently. Avoid teaching the skills to your student while administering the test as this assessment is meant to provide an accurate evaluation of your child's current skills. The student does not need to complete the whole test. The student may skip any problems that are too difficult to complete.

If you have any questions, you may contact a Calvert Education Counselor. Email edcounselors@calvertservices.org or call 888-487-4652, option 2.

PART A

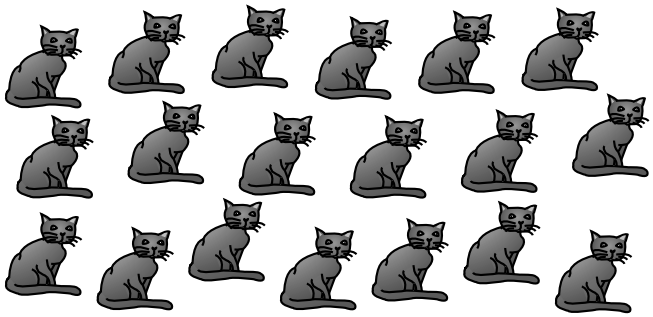
1. Below, direct your student to write the numbers from 1 to 10.

2. Count the number of apples.
How many apples do you see?



_____ apples

3. Count the number of cats.
How many do you see?



_____ cats

0715

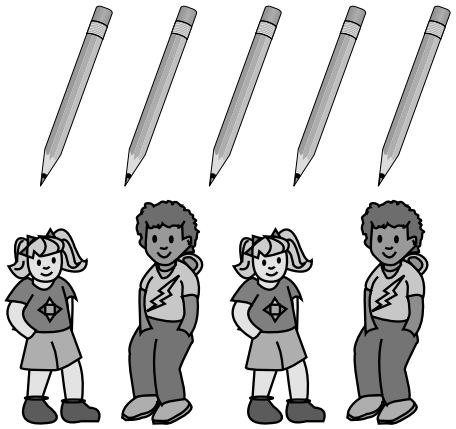
4. Fill in the missing numbers.

12, ____, 14, ____, 16

5. Fill in the missing numbers.

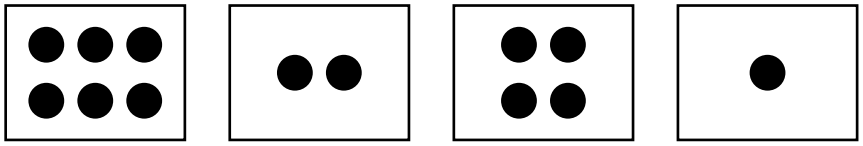
9, ____, 7, ____, 5

6. Look at this picture. Give each student one pencil. Are there enough pencils, too many pencils, or not enough pencils? Choose the correct answer below.



- ○ Enough pencils
- ○ Too many pencils
- ○ Not enough pencils

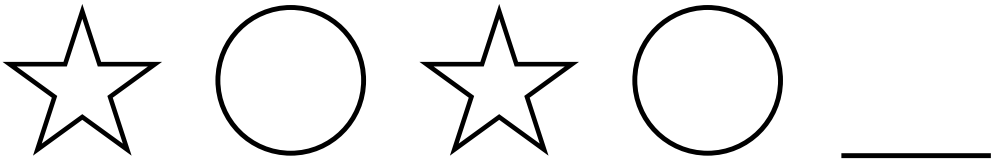
7. Circle the picture below that has the most dots.



8. Which set of numbers are written in order from least to greatest?

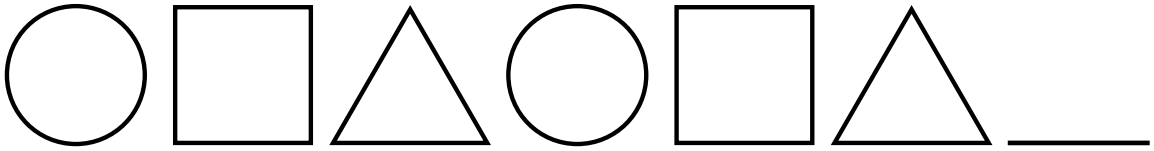
- ○ 8, 7, 6, 5
- ○ 5, 7, 6, 8
- ○ 5, 6, 7, 8
- ○ 8, 5, 6, 7

9. Which shape comes next in the pattern?



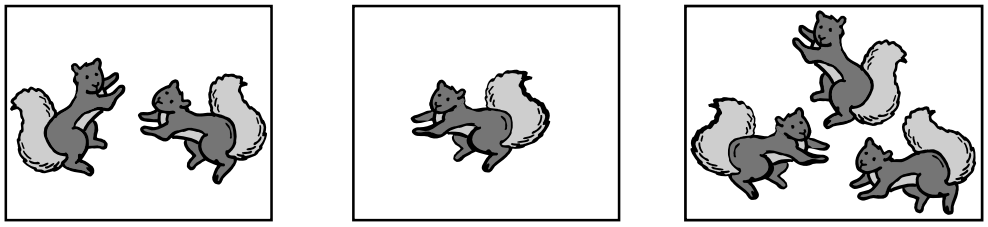
- ○ star
- ○ square
- ○ circle
- ○ triangle

10. Which shape comes next in the pattern?



- ○ star
- ○ square
- ○ circle
- ○ triangle

11. Look at the pictures below. Write the number of squirrels you see in the first picture. Write the number of squirrels you see in the second picture. Write the number of squirrels all together in the third picture.



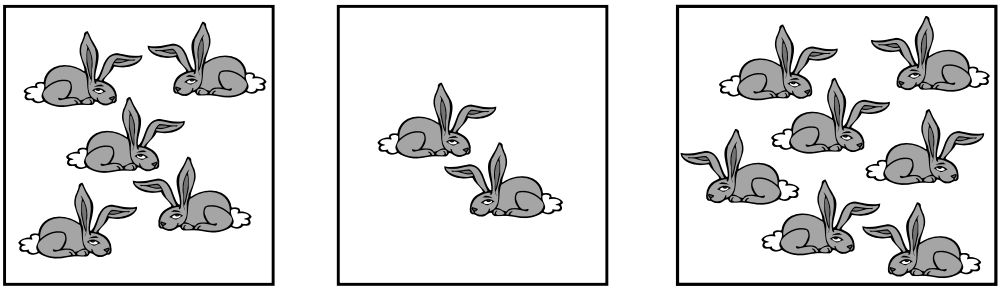
_____ + _____ = _____

12. Look at the pictures of squirrels above.

Which number sentence matches the pictures?

- ○ 2 + 1 = 3
- ○ 3 + 1 = 2
- ○ 2 + 1 = 2
- ○ 1 + 1 = 2

13. Look at the pictures below. Write the number of rabbits you see in the first picture. Write the number of rabbits you see in the second picture. Write the number of rabbits all together in the third picture.



_____ + _____ = _____

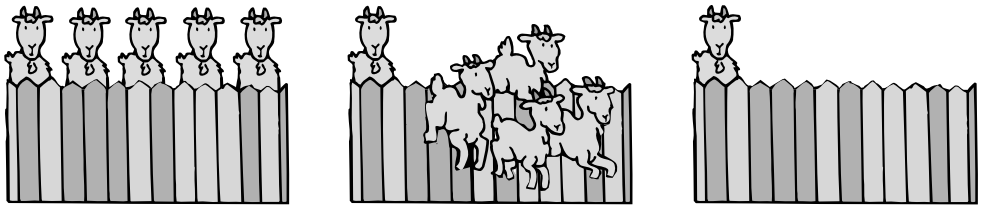
0715

14. Look at the rabbit pictures from the previous page.

Which number sentence matches the pictures?

- ○ 7 + 2 = 5
- ○ 7 + 5 = 2
- ○ 5 + 5 = 7
- ○ 5 + 2 = 7

15. Look at the pictures below. Write the number of goats you see in the first picture. Write the number of goats that jump over the fence in the second picture. Write the number of goats left at the fence in the third picture.



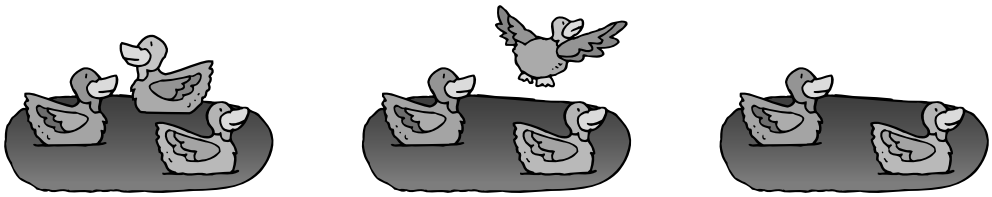
_____ – _____ = _____

16. Look at the goat pictures above.

Which number sentence matches the pictures?

- ○ 1 – 4 = 5
- ○ 4 – 1 = 5
- ○ 5 – 1 = 4
- ○ 5 – 4 = 1

17. Look at the pictures below. Write the number of ducks you see in the first picture. Write the number of ducks that fly away in the second picture. Write the number of ducks left in the pond in the third picture.



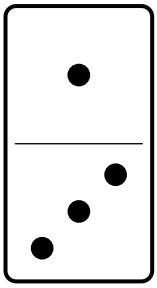
_____ – _____ = _____

18. Look at the pictures of ducks above.

Which number sentence matches the pictures?

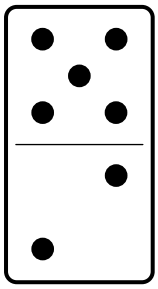
- ○ 3 – 2 = 1
- ○ 3 – 3 = 2
- ○ 3 – 1 = 2
- ○ 1 – 3 = 2

19. Add.



1 + 3 = ___

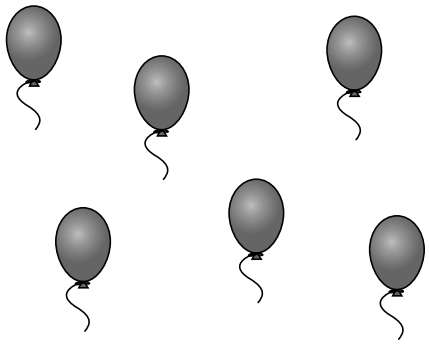
20. Add.



5 + 2 = ___

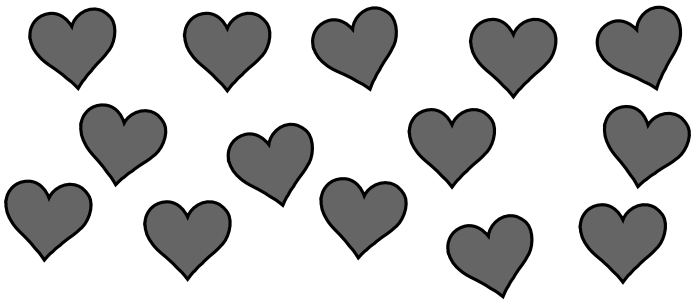
21. Choose the number that tells how many.

- ○ 3
- ○ 4
- ○ 6
- ○ 9



22. Choose the number that tells how many.

- ○ 13
- ○ 14
- ○ 9
- ○ 11



PART B

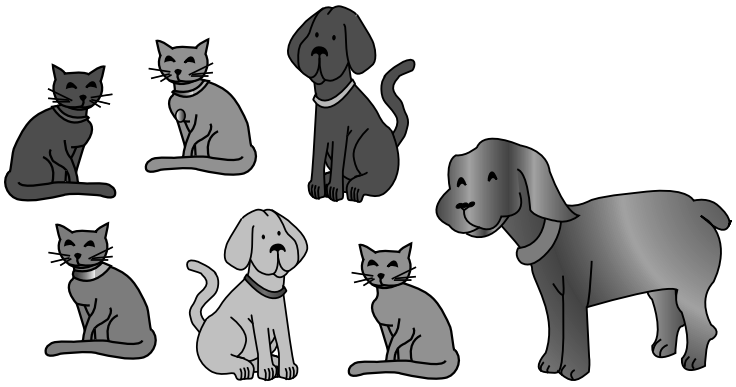
1. Solve and write the answer on the line.

   7 + 2 = ____

2. Tristan has 5 red cars. His brother has 2 blue cars. How many cars do they have in all? Write the answer in the blank.

   ____ cars

3. Count the cats and dogs in the picture.



   Which sentence tells about the picture?

   ○ 3 cats and 4 dogs make 7 pets.

   ○ 4 cats and 3 dogs make 6 pets.

   ○ 4 cats and 3 dogs make 7 pets.

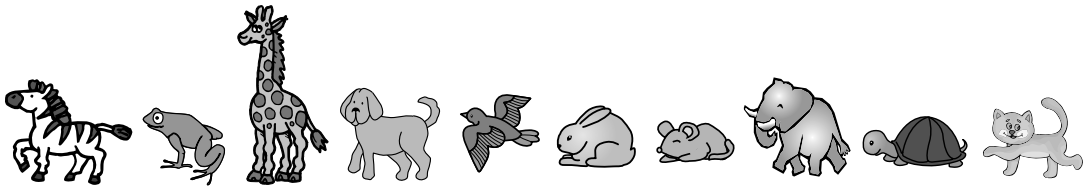
4. Solve and write the answer on the line.

   7 – 4 = ____

5. Nicole has 5 cookies.
She gives away some of them.
Now she has 3 cookies.
How many cookies does she give away?

- ○ Nicole gives away 5 cookies.
- ○ Nicole gives away 3 cookies
- ○ Nicole gives away 2 cookies.

6. Choose which is the fifth animal from the left.

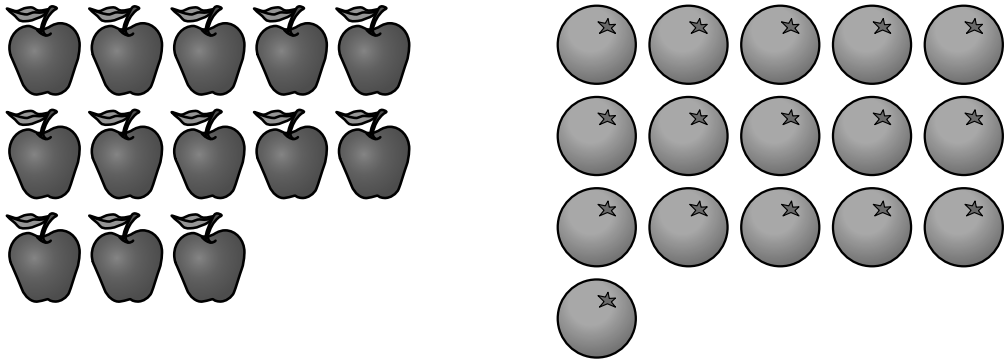


- ○ dog
- ○ bunny
- ○ bird

7. Put 15, 13, and 20 in order from least to greatest.
Choose which number is the least.

- ○ 15
- ○ 13
- ○ 20

8. There are _____.



- ○ fewer apples than oranges.
- ○ more apples than oranges.
- ○ the same number of apples as oranges.

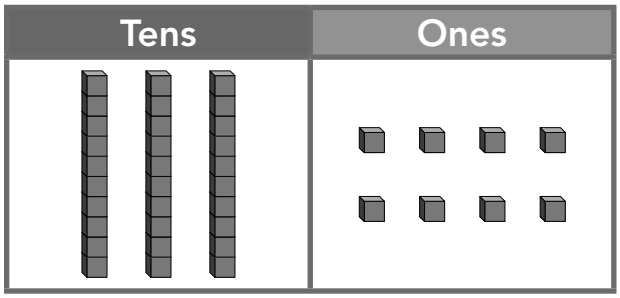
9. Which bar is the shortest?

- ○ A
- ○ B
- ○ C

10. What is the word for 36?

- ○ sixteen
- ○ twenty-six
- ○ thirty-six

11. Write the number on the line that this chart shows. _____



12. What is 2 more than 14? ____

13. Order from **least** to **greatest**: 43, 35, 56

- ○ 35, 56, 43
- ○ 43, 35, 56
- ○ 35, 43, 56

14. Add:

```
  24
+  3
____
```

15. Subtract:

```
  35
-  4
____
```

16. Add:

$$\begin{array}{r} 12 \\ +\ 34 \\ \hline \end{array}$$

17. Subtract:

$$\begin{array}{r} 56 \\ -\ 12 \\ \hline \end{array}$$

18. Add:

$$\begin{array}{r} 4 \\ 2 \\ +\ 6 \\ \hline \end{array}$$

19. Add:

$$\begin{array}{r} 14 \\ +\ 17 \\ \hline \end{array}$$

20. Subtract:

$$\begin{array}{r} 34 \\ -\ 16 \\ \hline \end{array}$$

21. Add:

$$\begin{array}{r} 16 \\ +\ 28 \\ \hline \end{array}$$

22. What is 7 tens and 4 ones?

- ○ 47
- ○ 74
- ○ 704

23. Which number is the least?

- ○ 43
- ○ 54
- ○ 75

24. Subtract:

$$\begin{array}{r} 70 \\ -\ 56 \\ \hline \end{array}$$

PART C

Please show you work.

1. Which number is the same as 6 tens 4 ones 9 hundreds?

   ○ 469

   ○ 694

   ○ 964

2. Which number makes the following number sentence true?
   _____ > 215

   ○ 152

   ○ 200

   ○ 314

3. Arrange the following numbers in order from least to greatest.
   420, 204, 240, 402

   ○ 204, 240, 420, 402

   ○ 204, 240, 402, 420

   ○ 240, 204, 420, 402

4. Write the missing numbers in this pattern.
   25, ____, 45, ____, 65, 75

5. What is the following pattern?

   12, 15, 18, 21, 24, 27

   ○ Skip-counting by 2s

   ○ Skip-counting by 3s

   ○ Skip-counting by 4s

6. Solve. Please show your work.

   67 – 12 = _____

7. Solve. Please show your work.

   531 – 218 = _____

8. Solve. Please show your work.

   113 + 39 = _____

9. Tracy sold 165 tickets for the soccer game on Monday. She sold 132 tickets on Tuesday. There are 74 tickets left. How many tickets were there in the beginning? Please show your work.

   There were _____ tickets.

10. How much money is in this picture? _____

11. Mary buys an apple for 45¢, a pear for 35¢, and a banana for 28¢. How much does she spend in all? Please show your work.

Mary spent _____

12. Read each of the following times and put them in order from earliest to latest.

8:00 P.M., 10:30 A.M., 10:45 P.M., 6:25 A.M.

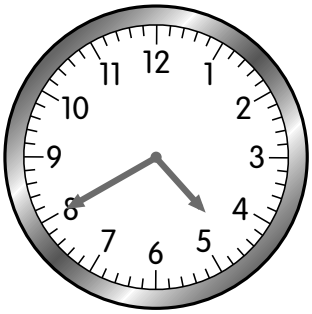
_____, _____, _____, _____

0715

13. Which time is the earliest?

- ○ 6:25 A.M.
- ○ 8:00 P.M.
- ○ 10:30 P.M.
- ○ 10:45 A.M.

14. Which time is correct?



- ○ 8 minutes before 4
- ○ 40 minutes after 4
- ○ 40 minutes before 4

15. Multiply $1 \times 6 =$ ____

16. Multiply $3 \times 3 =$ ____

17. Multiply $5 \times 7 =$ ____

18. Multiply $2 \times 3 =$ ____

19. Multiply $3 \times 4 =$ ____

20. Find the missing number in this number sentence:

$4 \times ____ = 32$

21. Use this word problem to answer the following questions:
There are 10 chairs in a row at the play.
There are 7 rows of chairs.
How many chairs are there at the play?

There are _____ chairs at the play.

22. Which number sentence would help you solve this problem?

○ $7 \times 7 = ____$

○ $7 + 10 = ____$

○ $7 \times 10 = ____$

23. Mrs. Brown's children drink 4 cups of milk each day.
There are 20 cups of milk in the carton.
How many days will the milk last?

○ The milk will last 4 days.

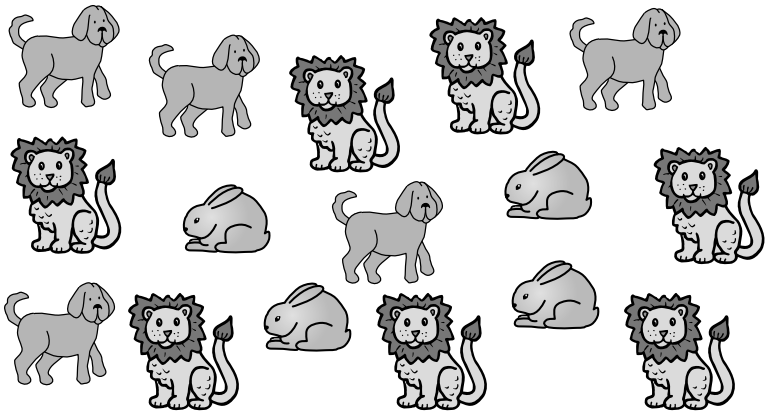
○ The milk will last 5 days.

○ The milk will last 6 days.

24. Mr. Lee takes his 5 children to the fair.
He buys them each 6 tickets to play games.
How many tickets does Mr. Lee buy?

- ○ Mr. Lee buys 11 tickets.
- ○ Mr. Lee buys 25 tickets.
- ○ Mr. Lee buys 30 tickets.

25. Count the animals to complete the tally chart. Under Tally put the number of marks equal to the number you count of each animal, then write the total number of tally marks under Number.



Animal	Tally	Number
Dog		
Rabbit		
Lion		

Use the information in the picture graph below to answer the following questions.

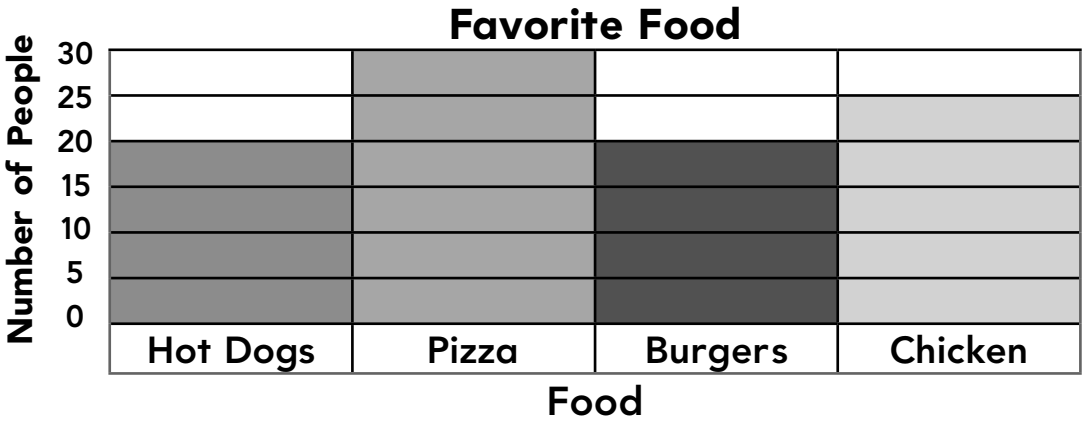
Hot dog Sales	
Day	**Number of Hot dogs**
Tuesday	✗ ✗ ✗
Wednesday	✗ ✗ ✗ ✗
Thursday	✗ ✗ ✗ ✗ ✗ ✗ ✗

Key: ✗ = 5 Hot dogs

26. How many more hot dogs were sold on Thursday than on Tuesday? _____

27. How many hot dogs were sold on all three days? _____

Use the bar graph to answer the questions that follow.



28. How many people like hot dogs and burgers? _____

29. How many more people like pizza than chicken? _____