

Reading

Directions:

Today you will be taking the *Reading Criterion-Referenced Competency Test*. The Reading test consists of multiple-choice questions. Sample questions have been included. Look at the directions for the multiple-choice questions.

There are several important things to remember:

- 1** Read each passage carefully. You may look back at the reading passage as often as necessary.
- 2** Read each question carefully and think about the answer. Then choose the answer that you think is best and fill in the circle for your answer on your answer sheet.
- 3** If you do not know the answer to a question, skip it and go on. You may return to it later if you have time.
- 4** Fill in the correct circle for your answers on your answer sheet only.

Sample Multiple-Choice Questions

Look at the sample test items that follow. These items will show you what the questions in the test are like and how to fill in your answers on your answer sheet. For this type of question, you will select the answer and fill in the circle in the space on your answer sheet for the answer you have chosen.

Delivering the Mail

Many people think that the pony express was the earliest mail delivery service, but stagecoaches carried the mail first. The pony express carried only light mail (short messages and letters). This delivery system lasted only two years because telegraph lines were built and short messages no longer had to be carried as mail. However, stagecoaches continued to carry heavier mail because they still had passengers to keep their business alive. Later, railroads were built and trains took over the job of carrying the mail. Even mail delivery by railroad was replaced in part by the airplane.

Sample 1

What is the main idea of this passage?

- A** The pony express delivered the mail for two years.
- B** The airplane is the best way to deliver the mail today.
- C** The railroads took over the job of delivering mail.
- D** The way mail is delivered has changed over time.

Sample 2

Which of the following carried the mail FIRST?

- A** stagecoaches
- B** pony express
- C** trains
- D** airplanes

Super Sprouting

A sprouting seed is one of the wonders of nature. The sprouting action increases the already healthy contents of seeds. Just one-quarter of a cup of seeds will grow into two cups of sprouts. The preferred seeds to sprout are alfalfa, radish, sunflower, sesame, and red clover. Grains and beans like oats, lentils, soybeans, and chickpeas can also be sprouted.

To start sprouting seeds, begin by rinsing one-quarter cup of seeds and soaking them overnight in one cup of water. Drain the seeds the next morning. Place the seeds in a one-quart jar with a wide mouth. Close the jar securely with an open-weave cloth, such as cheesecloth, so that air can reach the seeds. Place the jar on its side in a dark cupboard so that there is no light. It is important to rinse and drain the seeds three times daily. Be sure to turn the jar upside down to drain all the water after each rinsing. The cloth makes it possible to do this without taking off the lid.

The sprouts should be ready in 3 to 5 days. As a general rule, the sprouted seeds are ready to serve when the sprout is at least as long as the seed. Refrigerate the sprouted seeds in a covered bowl for up to three days. They are great in salads, sandwiches, soups, or whenever a “crunch” is wanted.

1 How many cups of sprouts can be made from one-quarter cup of seeds?

- A five
- B three
- C two
- D one

2 Where should you keep the jar while the seeds are sprouting?

- A in a covered bowl
- B in a dark cupboard
- C in the refrigerator
- D in one cup of water

3 How long can sprouted seeds be kept in a refrigerator?

- A over a week
- B just one night
- C up to three days
- D three to five days

LINK/FIELD TEST READING PASSAGE

4 LINK/FIELD TEST ITEM

7 LINK/FIELD TEST ITEM

5 LINK/FIELD TEST ITEM

8 LINK/FIELD TEST ITEM

6 LINK/FIELD TEST ITEM

Collecting Germs

Do you ever wonder why so many people tell you to wash your hands after you sneeze, or after you play outside and are about to eat? Well, the reason people say those things is because your hands collect many germs that can make you sick. But you may ask, “If they are on my hands, how come I cannot see them?” That is because they are microscopic, or very tiny. You may then ask, “If they are so tiny, how do we know they are there?” Well, scientists use microscopes to view these small living things. But now you can view them too! In fact, after doing this activity, you will probably be a new member of the Wash Your Hands Club!

Some of the materials you will need to collect, grow, and view those nasty germs are:

- *2–3 petri dishes (ask your teacher for them)
- *unflavored gelatin
- *cotton swabs
- *clear tape
- *a pen or marker
- *plenty of places to swab

To get started, first make the gelatin according to the directions on the package. (This is not flavored gelatin you eat.) With the help of a parent or caregiver, pour the hot gelatin into the petri dishes. Cover them with the lids and let them cool for 2–3 hours or overnight. Now, here’s where the fun begins. Take the cotton swabs and go around to either your school or home and rub the swabs back and forth over the surface of one place. Be careful not to rub any more than one place per swab. Some great places to swab are your desk, a computer keyboard, a doorknob, a pencil, the most popular book in the library, or even your own hand.

Next, carefully roll one swab back and forth over an opened petri dish so that all sides of the samples of germs collected on the swab are rolled onto the hardened gelatin. Close the dish and seal it with tape. The tape will keep the dish closed so that no other germs can get in. Then, label the dishes with the names of the places you swabbed so you will know just where the germs came from.

The last step is to just wait. In four to five days you will begin to see some things in the dish that you didn’t see when you first rolled your swab. Can you guess what you will see?

The microscopic germs that you collected on your swabs and rolled onto the gelatin reproduce, or grow. They grow and grow so that by the time you start seeing them, you are looking at a whole group of germs—germs that could be in your body and make you sick. You will probably be surprised at which places had the most germs! You will also realize why it is so important to wash your hands and keep things clean!

- 9** What is the **FIRST** step in collecting germs?
- A** seal the petri dishes
 - B** wait 4–5 days
 - C** label the places
 - D** make the gelatin
- 10** What does the author expect readers to do after doing this activity?
- A** read more about germs
 - B** wash their hands more
 - C** pay a visit to a doctor
 - D** become scientists
- 11** Which word from this passage has a prefix that means *not*?
- A** because
 - B** gelatin
 - C** unflavored
 - D** computer
- 12** Which word from the passage is a compound word?
- A** careful
 - B** library
 - C** caregiver
 - D** surface

LINK/FIELD TEST READING PASSAGE

13 LINK/FIELD TEST ITEM

16 LINK/FIELD TEST ITEM

14 LINK/FIELD TEST ITEM

17 LINK/FIELD TEST ITEM

15 LINK/FIELD TEST ITEM

Dear Mrs. Hamil,

Just a note to thank you for such a wonderful year! This year in 4th grade, Jessica has learned more than she has in any other year. Our family is truly grateful for what you have done for her.

I have never seen Jessica so interested in reading and mathematics as she is now. She is quick to pick up a book to read and eager to figure out how she needs to save for a new CD player. Thanks to you, she seems to be on her way to becoming a life-long learner.

Because of your creative teaching, caring, and interesting style, I believe all of your students benefit. I am sending a copy of this letter to your school's principal and superintendent to let them know what a treasure you are to Peach Grove Elementary School, to its children, and to the educational field.

Thanks again. Have a great summer!

Sincerely,

Mrs. R. Smith

P.S. Thank you so much for being a great 4th grade teacher. We will never forget you. I hope you have a great summer!

Thanks,
Jessica

18 You can tell from the passage that Mrs. Smith is Jessica's

- A mother
- B sister
- C teacher
- D principal

19 It is probably true that

- A Mrs. Hamil will be Jessica's 5th grade teacher
- B Jessica goes to Peach Grove Elementary School
- C Jessica was Mrs. Hamil's only student
- D Mrs. Smith also had Mrs. Hamil as a teacher

20 We know that Jessica will probably

- A move away this summer
- B not like her next teacher
- C continue to enjoy reading
- D forget what she learned

Travel

Green field cradles
white, black, brown cows
still, unmoving
We notice how

they blink as we drive past
but don't flinch at car sounds
The highway on one side
Rich grasslands all around

The farm they stand on
is speckled with flowers
—white, yellow, blue—
and with birch trees that tower

Cows gather at fences
like fans to watch a sport
Our game is called "travel"
and it's not played on a court

21 What is the author's main purpose in writing this passage?

- A to inform
- B to debate
- C to entertain
- D to persuade

22 What experience is the author describing?

- A driving to a sports show
- B driving by and watching cows
- C walking through a farm field
- D going to a farm to see the cows

23 What is the author describing when she writes, "they blink as we drive past but don't flinch at car sounds"?

- A The cows are bothered by the loud traffic of the highway.
- B The cows cannot see the cars on the highway.
- C The cows are not bothered by the loud traffic of the highway.
- D The cows like to watch the cars on the highway.

You do not need to use the passage to answer questions 24 and 25.

24 Which letter could be substituted for the *th* in the word *thought* to make a new word?

- A g
- B m
- C l
- D b

25 Which BEST completes the analogy?

blue is to color as lemon is to _____

- A juice
- B fruit
- C yellow
- D apple

A Place to Sleep

Sleep is very important. When someone misses only twelve hours of sleep, it may take up to three weeks to make up for it. Since people spend almost one-third of their life sleeping, the bed is also very important.

The first bed was nothing more than a pile of leaves. Then came a stone or wooden bench with a pad of straw and an animal skin for the cover. During the Middle Ages, benches were abandoned for frames with thick pads.

During the sixteenth century, a giant bed called the Great Bed of Ware was built in England. It was ten feet by eleven feet and big enough for a large family to sleep together. Even stranger was the French politician who had a portable bedroom made for himself. The room contained a chair, a table, and a bed, and it was carried by 24 bodyguards. He was able to go all over the city without leaving his room and conduct business while sitting in bed.

Today, beds come in every size, shape, and design. There are round beds, motorized beds, water beds, hanging beds, and many ordinary beds. The bed is one of the most popular, most used, and most essential of all inventions. It is also probably the one most taken for granted.

26 Years ago, the first bed was

- A** a stone
- B** a wooden bench
- C** a pad of straw
- D** a pile of leaves

27 According to the passage, what made beds better in the Middle Ages?

- A** frames with thick pads
- B** portable rooms with chairs and tables
- C** people spending more time asleep
- D** building them ten feet by eleven feet

28 What type of passage is this?

- A** poetry
- B** a myth
- C** nonfiction
- D** a folk tale

29 What is the author's purpose in writing this passage?

- A** to tell entertaining tales from the past
- B** to give instructions on how to sleep well
- C** to persuade readers to buy a certain kind of bed
- D** to give information about different types of beds

The Impossible Task

I am working with great difficulty
to complete my task in poetry.

I write stories, books and articles
without straining any muscles.

But when it comes time to rhyme,
I just can't do what's been assigned.

I'll never be a famous poet,
I'm just no good, and I show it.

I would give a leg and arm
to write a poem with ease and charm.

But here I write in fits and starts
nothing that fits this great art.

I give up! I just can't stand it.
No poem works the way I planned it!

30 How does the author feel while writing this passage?

- A encouraged
- B upset
- C relieved
- D confused

31 According to the author, poetry is

- A a great art
- B easy to write
- C easy to plan
- D a favorite task

32 What is the main idea of this passage?

- A The writer has many difficult tasks.
- B Stories are more fun than poems.
- C The writer thinks poetry is difficult to write.
- D Nothing works the way it is planned.

LINK/FIELD TEST READING PASSAGE

33 LINK/FIELD TEST ITEM

36 LINK/FIELD TEST ITEM

34 LINK/FIELD TEST ITEM

37 LINK/FIELD TEST ITEM

35 LINK/FIELD TEST ITEM

LINK/FIELD TEST READING PASSAGE

Use the encyclopedias below to answer question 6.

V O L	V O L	V O L	V O L
M-N	O-P	Q-R	S-Sc
V O L	V O L	V O L	V O L
Scr-Sz	T-V	W-X	Y-Z

6 In what volume above would Tina find information about Nigeria?

- A M-N
- B Q-R
- C S-Sc
- D O-P

7 The guide words on a dictionary page are *swap* and *tame*. Which word would be found on this page?

- A supply
- B swallow
- C talent
- D tamper

8 LINK/FIELD TEST ITEM

Use this dictionary entry to answer question 9.

la•bel (lá'bəl) *n.* a tag attached to an article to designate its owner, contents, etc. -
v. 1. to attach a label to 2. to classify

man•tel (mǎn'tl) *n.* 1. a loose, sleeveless cloak 2. anything that covers or conceals

par•a•phrase (pǎr'ə frāz') *n.* a restatement in other words

sear (sîr) *adj.* 1. to wither; dry up 2. to burn the surface of

ten•der (tĕn'dər) *adj.* affectionate

9 In the dictionary entry, which word is an adjective?

- A label
- B mantel
- C paraphrase
- D tender

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Mathematics

Directions:

Today you will be taking the *Mathematics Criterion-Referenced Competency Test*. The Mathematics test consists of multiple-choice questions. Sample questions have been included. Look at the directions for the multiple-choice questions.

There are several important things to remember:

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Sample 1

13 boys and 14 girls are in Mr. Brown’s class. All of them went on a field trip. Which number sentence shows how many students went on the trip?

- A** $14 - 13$
- B** $14 + 13$
- C** $27 - 13$
- D** $27 - 14$

Sample 2

Which one of these numbers is four hundred fifty-eight?

- A** 458
- B** 4,058
- C** 40,580
- D** 400,580

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1 What is another way to write 658?

- A $6,000 + 5,000 + 80$
- B $6,000 + 50 + 8$
- C $600 + 50 + 8$
- D $60 + 500 + 8$

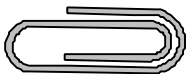
2 Complete the math statement.

144 12 = 12

- A +
- B -
- C \times
- D \div

3 LINK/FIELD TEST ITEM

4 If the paper clip is 2 inches long, about how long is the pencil?



- A 3 inches
- B 4 inches
- C 6 inches
- D 8 inches

5 LINK/FIELD TEST ITEM

6 The Davis family traveled 648 miles on their vacation this year. To the nearest hundred, about how many miles did they travel?

- A 600
- B 640
- C 650
- D 700

7 Which operation will solve the problem?

Cody and Malcolm played 39 games of checkers. Malcolm won 13 games. How many did Cody win?

- A $39 + 13$
- B $39 - 13$
- C 39×13
- D $39 \div 13$

- 8** Which operations make the following equation true?

$$(5 \square 3) + (6 \square 2) = 27$$

- A** $\times, +$
- B** $+, \times$
- C** \times, \times
- D** $+, +$

- 9** LINK/FIELD TEST ITEM

- 10** LINK/FIELD TEST ITEM

- 11** LINK/FIELD TEST ITEM

- 12** LINK/FIELD TEST ITEM

- 13** LINK/FIELD TEST ITEM

14 LINK/FIELD TEST ITEM

15 Which unit is used to measure the height of a door?

- A mile
- B kilometer
- C foot
- D millimeter

16 LINK/FIELD TEST ITEM

17 Darion visited his friends who live near a beach. He brought back shells to give to the children in his class. He had 125 shells and gave 5 shells to each child. What should you do to find out how many children received shells from Darion?

- A add
- B subtract
- C multiply
- D divide

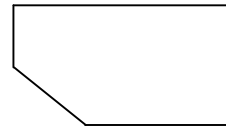
18 LINK/FIELD TEST ITEM




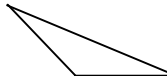
19 Tyrone is trying to win a prize at a carnival. He has to guess the number of jelly beans in a jar to win the prize. He guesses that there were three thousand, twenty-five jelly beans in the jar. Which of these shows his guess?

- A 3,025
- B 3,205
- C 3,225
- D 3,252

20 LINK/FIELD TEST ITEM**21 Which is the same as 4,156?**

- A** $41 + 56$
- B** $415 + 6$
- C** $400 + 100 + 50 + 6$
- D** $4,000 + 100 + 50 + 6$

22 Which shape completes the rectangle?

- A** 
- B** 
- C** 
- D** 

23 Which number belongs in the box?

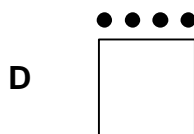
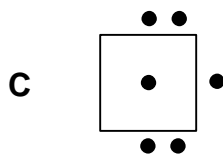
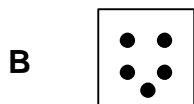
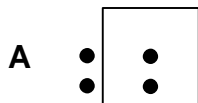
$$7 + (3 + 8) = (7 + 3) + \square$$

- A** 8
- B** 11
- C** 18
- D** 28

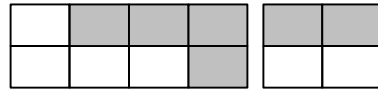
24 What is the place value for the underlined digit in 87,457?

- A hundreds
- B thousands
- C ten thousands
- D hundred thousands

25 Which of the following shows some, but NOT all, of the dots above the square?



26 What are the fractions that match the models?



A $\frac{4}{4}, \frac{2}{2}$

B $\frac{4}{8}, \frac{2}{4}$

C $\frac{4}{6}, \frac{2}{6}$

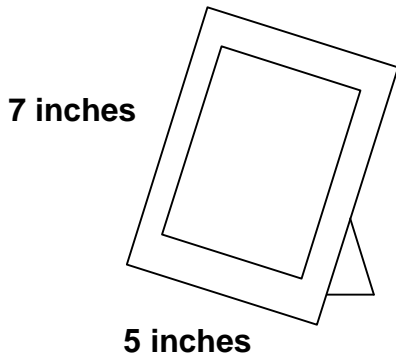
D $\frac{4}{12}, \frac{2}{12}$

27 Using the chart below, how much more is 3 roller coaster rides than 2 ferris wheel rides?

Rides	Cost
Ferris Wheel Ride	\$0.25
Train Ride	\$0.75
Roller Coaster Ride	\$0.50
Water Ride	\$0.50

- A \$0.25
- B \$0.75
- C \$1.00
- D \$1.50

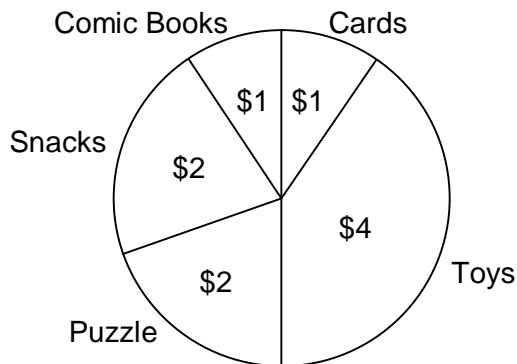
28 Look at the picture frame below.



What is the perimeter of the frame?

- A 70 inches
- B 35 inches
- C 24 inches
- D 12 inches

29 Nam had \$10.00 to spend. The graph shows how he spent his money.



How much did Nam spend on toys and snacks?

- A \$6.00
- B \$5.00
- C \$4.00
- D \$2.00

30 Which symbol makes the number sentence true?

$$\frac{4}{10} \square \frac{3}{10}$$

- A =
- B ÷
- C <
- D >

31 Find the product.

$$\$8.30 \times 16 =$$

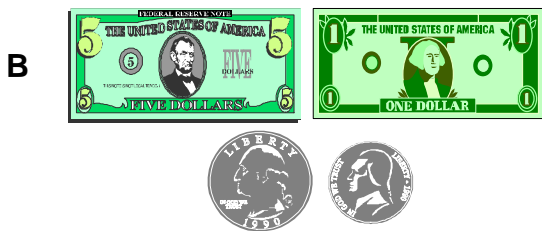
- A \$74.10
- B \$74.16
- C \$132.80
- D \$132.86

32 Which figure does NOT have a line of symmetry?

- A
- B
- C
- D



33 Which is equal to the amount shown above?



34 Which can be used to measure the length of a pencil?

- A calendar
- B clock
- C ruler
- D thermometer

35 Which property of multiplication does $2 \cdot 0$ show?

- A property of zero
- B property of one
- C grouping property
- D addition property

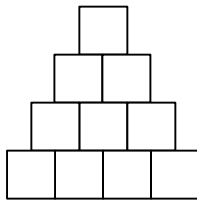


- 36** Use mental math to find the sum.

$$\begin{array}{r} 4,956 \\ + 3,490 \\ \hline \end{array}$$

- A** 1,466
B 7,546
C 7,566
D 8,446

- 37** Risa built a tower with ten blocks. In the tower, $\frac{1}{10}$ of the blocks are red and $\frac{6}{10}$ of the blocks are blue. The rest of the blocks are yellow. What fraction of the blocks are yellow?



- A** $\frac{1}{10}$
B $\frac{3}{10}$
C $\frac{4}{10}$
D $\frac{5}{10}$

- 38** Pam scored 27 points in the basketball game. Ann scored 8 points. How many more points did Pam score than Ann?

- A** 9
B 19
C 21
D 35

- 39** Which statement is true?

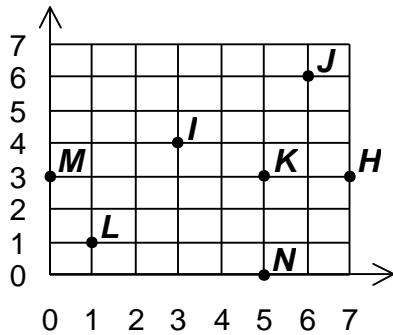
- A** $28,539 > 28,639$
B $28,080 > 28,800$
C $28,039 > 28,003$
D $28,010 > 28,140$

- 40** What is the estimated sum for

$$\$4.83 + \$0.95 = \boxed{} ?$$

- A** \$4.00
B \$5.00
C \$6.00
D \$7.00

41 Which is the ordered pair for point K?



- A (5, 0)
- B (3, 5)
- C (0, 3)
- D (5, 3)

42 LINK/FIELD TEST ITEM

43 LINK/FIELD TEST ITEM

44 LINK/FIELD TEST ITEM

45 LINK/FIELD TEST ITEM

46 LINK/FIELD TEST ITEM

47 LINK/FIELD TEST ITEM

48 If it takes Mari 20 minutes to walk from home to school, what is the latest time she can leave to get to school by 8:10 A.M.?

- A** 7:00 A.M.
- B** 7:10 A.M.
- C** 7:50 A.M.
- D** 8:00 A.M.

49 LINK/FIELD TEST ITEM

50 Two classes are going to the art museum. They are riding on the same bus. Mrs. Marshall's class has 25 students. Mr. Walker's class has 27 students. How many students will ride on the bus?

- A** 2
- B** 42
- C** 52
- D** 60

51 LINK/FIELD TEST ITEM

52 Which digit is in the thousands place in 53,842?

- A 2
- B 3
- C 4
- D 8

53 LINK/FIELD TEST ITEM

54 Which group shows the numbers ordered from least to greatest?

- A 1,468
1,458
1,462
- B 1,595
1,657
1,768
- C 2,357
3,351
3,348
- D 3,232
2,345
2,324

55 LINK/FIELD TEST ITEM

56 Subtract.




$$\frac{7}{8} - \frac{4}{8} =$$








- A $\frac{3}{8}$
- B $\frac{5}{8}$
- C $\frac{11}{8}$
- D $\frac{11}{16}$

57 LINK/FIELD TEST ITEM

- 58 Which shows that 12 students had perfect attendance in May?

Perfect Attendance	
Month	Number of Students
February	
March	
April	
May	

 = 3 Students

- A 
- B 
- C 
- D 

- 59 What is the closest estimate of the total cost of Theresa’s new clothes?



- A \$ 16.00
- B \$ 17.00
- C \$ 18.00
- D \$ 19.00

- 60 Use the table below to answer. Rounded to the nearest hundred, which city is about 800 miles from Atlanta, GA?

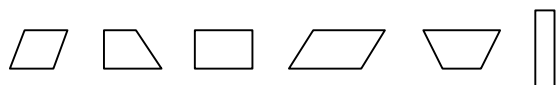
Cities	Distance from Atlanta, GA in miles
Baltimore, MD	645
Buffalo, NY	859
Chicago, IL	674
Dallas, TX	795
Philadelphia, PA	741
Topeka, KS	863

- A Buffalo, NY
- B Dallas, TX
- C Philadelphia, PA
- D Topeka, KS

- 61 Sandra divided a square into 100 equal small squares. She put stickers on 6 of those squares. How would you write a decimal number that represents the squares with stickers?

- A 0.06
- B 0.6
- C 1.6
- D 6.0

- 62 Which description tells how these figures are related?



- A same shape and size
- B same shape and type of angle
- C same number of sides
- D same size and shading

63 What label is missing from the chart?

	Temperature
Sunday	76°
Monday	80°
Tuesday	82°
Wednesday	84°
Thursday	80°
Friday	78°
Saturday	80°

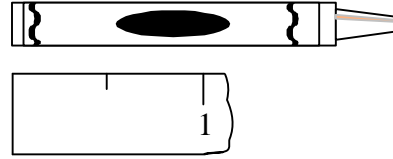
- A Years
- B Months
- C Weeks
- D Days

64 Subtract.

$$\begin{array}{r} 581 \\ - 476 \\ \hline \end{array}$$

- A 1,057
- B 915
- C 115
- D 105

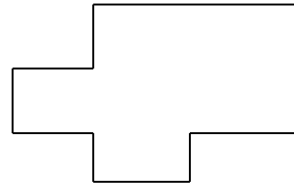
65 Look at the crayon below. Use the ruler to estimate the length of the crayon to the nearest inch.



About how long is the crayon?

- A 1 inches
- B 2 inches
- C 3 inches
- D 4 inches

66 How many line segments are in the figure?

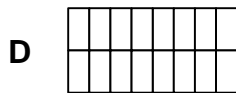
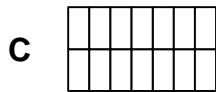
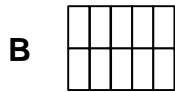
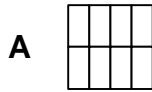


- A 6
- B 8
- C 10
- D 12

67 Which are factors of 16?

- A 3, 16
- B 4, 12
- C 2, 8
- D 14, 2

68 Which shape is cut into tenths?



69 Use the rule to find the pair of numbers that is missing.

30		42
5		7

- A** 28, 4
B 36, 6
C 56, 8
D 63, 7

70 Which of these shows two figures that are the same shape?

