# Arizona's Instrument to Measure Standards <br> (AIMS) 

## Sample Test <br> Grade 5



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AIMS Sample Test - Reading Grade 5

AIMS Sample Test - Reading<br>Grade 5

## DRECTIONS: Read this passage and then answer questions 1 through 10.

## A Tired Tale

"Come on, sleepyhead. It's 7:30 and time to get up and get ready for school," Mama Bear said as she gently shook her slumbering son.
"Aw, Mom, do I have to?" questioned Buster the Bear in a groggy voice. "Can't I sleep just ten more minutes?"
"Your ten minutes more have a strange way of becoming half an hour," replied Mama Bear. "Now get out of bed and shake a leg or you'll be late."

Buster dragged himself out of bed and grumbled all the way to the bathroom. It was not that Buster didn't want to go to school. He liked his teacher, Mrs. Honeycomb, and his best friend Billy was in his class. Buster just liked to sleep. No, he didn't like to sleep, he LOVED to sleep! While the other bears excelled at things like fishing, wrestling, and climbing, Buster was a champion dozer! "I wish I could sleep all the time," he muttered.

Mama Bear overheard and cautioned, "Now, you don't mean that, Buster. You can't sleep all the time. You'd miss out on everything."
"Well, maybe not all the time, but I wouldn't miss much if I could sleep twice as much. And you know sleep is important," argued Buster.
"Yes, sleep is good for you, but only when appropriate. You can have too much of a good thing," answered Mama Bear. She could tell her cub was still not convinced; but she gave him a big bear hug and a kiss and sent him off on his way. Later that evening, after Buster had gone to bed, Mama Bear described the morning's events to Papa Bear. "We
need to take care of this problem right away. If sleep is what he wants then that is what he'll get," declared Papa Bear. "Tomorrow let him sleep in as late as he wants and whenever he wants during the day. He should soon see what he's missing."

The next morning 7:30 came and went as Buster slumbered on. At 10:30 Buster awoke, looked at the clock and called out, "Mama, Mama, I've overslept! You didn't wake me up."
"That's right," replied Mama Bear. "I'm letting you get the sleep you wanted just like you asked. Are you ready to go to school now?"
"Cool!" exclaimed Buster. "I'll be ready in two blinks of a bear's eye."

As Buster slid into his seat in class, Billy turned to him and whispered excitedly, "Boy did you miss out on all the action this morning!"
"What happened?" questioned Buster.
"The KAVE Newschopper landed on the playground this morning and a bunch of us got to take a ride in the helicopter. It was awesome! I wish you could have been here," said Billy.
"So do I," muttered Buster under his breath. After school Buster and his friends went to the park to play. While the other cubs were playing tag, Buster sat down under a tree and started to nap. Hearing a loud commotion, Buster opened his eyes to see what was going on.
"Did you see him? Did you see him?" shouted Billy. "Wow! I can't believe Justin Timbearlake was here at our park and I got his autograph. Isn't

## AIMS Sample Test - Reading Grade 5

that great?"
"Yeah, great," grumbled Buster. "I can't believe I slept through it."

That night after dinner Buster and his father sat down to watch their favorite team play baseball. Barely into the $7^{\text {th }}$ inning, Buster had begun to doze off on the couch. He was jolted awake when Papa Bear jumped up from the couch cheering.
"Hooray!" he yelled. "Fantastic! A once in a lifetime experience!"
"What happened? What happened?" begged Buster.
"Your favorite player, Beary Bonds just hit a world record $800^{\text {th }}$ home run. That will never happen again."

Suddenly Buster burst out crying.
"What's the matter, son?" asked Papa Bear.
"I've missed everything great today just because I was sleeping," wailed Buster. "Mom was right. I'm never going to sleep again."
"Now, now son," comforted Papa Bear "You still need some sleep, but only the right amount at the right time."

After that Buster the Bear slept when he should and played when he should for he had learned a valuable lesson -
when you snooze you Cose!

1 Which of these genres describes "A Tired Tale"?

A Fable
B Myth
C Realistic Fiction
D Personal Narrative

2 Which of the following is a major character in "A Tired Tale"?

A Buster Bear
B Beary Bonds
C Mrs. Honeycomb
D Justin Timbearlake

## AIMS Sample Test - Reading Grade 5

3 What was the resolution to "A Tired Tale"?

A Papa Bear jumped up from the couch.
B Papa Bear came up with a plan.
C Buster learns his lesson.
D Buster started to cry.

4 Why did Mama Bear most likely let Buster sleep in?

A She wanted her son to like her.
B She wanted teach him to be responsible.
C She thought her son needed sleep.
D She thought it was okay to miss school.

5 What will Buster most likely do next?

A Take extra naps
B Ride a helicopter
C Wake up on time
D Watch baseball with Papa

6 This story takes place over which period of time?

A 1 year
B 2 months
C 1 week
D 2 days

## AIMS Sample Test - Reading Grade 5

7 From whose point of view is the story being told?

A Billy
B Buster
C the author
D the teacher

8 Look at the graphic organizer that shows what happened in the passage.

| Buster is late <br> to school. |
| :--- |

1


2


3


4

Which sentence belongs in box 3 ?

A Beary Bonds hit a home run.
B The KAVE Newschopper landed at school.
C Mama Bear lets Buster oversleep.
D Billy got Justin Timbearlake's autograph.

9 Read the sentence from the passage.
"So do I," muttered Buster under his breath.
The word muttered means the same as -

A spoke quickly
B spoke loudly
C spoke slowly
D spoke softly

## AIMS Sample Test - Reading Grade 5

10 What lesson did Buster learn?

A Sleep is important.
B School is really fun.
C Even something good can be overdone.
D Television can be harmful.

AIMS Sample Test - Reading Grade 5

## DIRECTIONS: Read this letter and then answer questions 11 through 18.

Dear Humane Society,
I was watching the news last night and saw the report about the rescue of a litter of puppies that had been abandoned near the freeway. Being an animal lover, I was horrified by their abuse. I was thrilled to hear that you were sponsoring a letter writing contest to place the puppies for adoption to good homes. I asked my parents to let me apply to adopt one of those puppies. Fortunately, my parents also love animals and gave me permission.

Any one of these cute bundles of joy would be welcome in my home. As I have said before, my family loves animals. This puppy would have a friendly "brother" with our golden retriever, Harry. We have a big back yard with lots of room for them to run and play and a doggy door for them to come in when they need shelter. Our new family member would benefit from regular trips to the vet for care and to the groomer to keep up a stylish appearance. Since I would be the primary care giver, I want you to know that I am a very responsible person with loads of experience taking care of pets. I would make sure to follow through with daily care, including everything from feeding and walking to the undesirable "potty patrol".

Out of all of the things I can provide for this puppy, the most important gift is LOVE. This little guy or girl would be a member of a family that specializes in love. This love is not only for cute little members, it goes on forever. After all, I was a cute little kid and they still love me after eleven years. I hope you will consider all the reasons why we should be able to adopt one of these puppies. Our home would be a paradise this puppy certainly deserves after its miserable start in life and would be blessed by its new member.

Hopefully yours,

## Micak Plum

Micah Plum

11 What is the main idea of the $2^{\text {nd }}$ paragraph?

A pets are a lot of work
B puppies are fun to own
C animal abuse is wrong
D pets should have care and affection

## AIMS Sample Test - Reading Grade 5

12 To whom is this letter written?

A Micah
B Harry
C the Humane Society
D the news station

13 Why did the author use all capitals for the word LOVE?
A To show he could only offer LOVE.
B To show LOVE was Micah's best quality.
C To show it was an important name.
D To show he preferred dogs over cats.

14 According to the passage, what will Micah do for the puppy?
A walk it
B groom it
C buy it a "brother"
D install a doggy door

15 Based on the passage, how would you adopt one of the abandoned puppies?

A go to the Humane Society
B contact the news station
C ask your parents for permission
D enter the letter writing contest

## AIMS Sample Test - Reading Grade 5

16 What is the author's main purpose for writing this letter?

A to inform
B to describe
C to persuade
D to entertain

17 Based on the passage, which statement is an opinion?

A I was watching the news last night.
B The most important gift is LOVE.
C I would make sure to follow through with daily upkeep.
D The puppy would benefit from regular trips to the vet.

18 What does the author suggest by stating that the puppy's new home would be a "paradise"?

A The family lives on an island.
B The puppy would live in a place of great happiness.
C The family will adopt more puppies.
D The puppy would go to the vet.

AIMS Sample Test - Reading Grade 5

## DIRECTIONS: Read this poem and then answer questions 19 through 24.

## Walter the Wet

Magnificent, marvelous Walter the Wet
Was not the average family pet.
Slimy, squirmy, soft and cold,
He's not the pet you'd like to hold.
5 He's long and lean. He's strong and slim. He loves to play. He loves to swim.
Through his tank he moves like lightning.
He bares his teeth; it's a little frightening.
He can't fly in the air, nor walk upon land.
10 If you wanted to pet him, he'd slip through your hand.
He's quick and he's slick, with moves like a snake.
He jumped in our boat one day, out on the lake.
Not a dog, not a bird, not a hamster, nor cat.
Our family's too strange for a pet such as that.
15 He's charming, alarming, with lots of appeal. He's Walter the Wet. He's our family eel.

19 Which of the following phrases contains an example of figurative language?

A he's our family eel
B he'd slip through your hand
C he moves like lightning
D he love to play

20 What is the rhyme pattern of each stanza?

A ABAB
B ABBA
C ABCB
D AABB

## AIMS Sample Test - Reading Grade 5

21 Why does the author most likely wait to the end of the poem to reveal what kind of animal Walter is?

A to give the reader information
B to keep the reader guessing
C to confuse the reader
D to frighten the reader

22 Read this line from the poem.

## He's long and lean; he's strong and slim

In which of the following does lean have the same meaning as in the line?

A Exercise helps keep our bodies lean.
B We always lean on Michael for help.
C Should he lean the tank to empty it?
D Do you lean towards having a cat for a pet?

23 Which of the following can not be inferred from reading "Walter the Wet"?

A Eels live in the water.
B Eels are playful.
C Many people own eels.
D It is not easy to pet an eel.

## DIRECTIONS: Read this advertisement and then answer questions 24 through 28.

## Attention All Gamers!

If playing games is what you're all about, we have great news for you. Opening soon at the Mountain View Mall is an exciting new store, We Got Game.

We Got Game is a one-stop paradise for players of all ages. All the latest games for ZBox and Game Station will be on hand for you to try before you buy in our awesome state of the art video center. We even have special arrangements with the manufacturers to preview games before they become available to the public.

We Got Game carries a gigantic variety of electronic games, including hand held, video and box games, along with all of the accessories needed to have an enjoyable gaming experience.

And we didn't forget the traditional board game lovers. We Got Game has all of the wellloved board games from the past and new ones that promise to become as popular as the old. We have card games, logic games, outdoor games ... If it's a game, We Got It! Check out our website at www. WeGotGame.edu to find everything you are looking for.

Join us for our Grand Opening celebration activities!
November 3-5
We Got Game at Mountain View Mall
5656 E. Campana

| Fri. Nov. 3 | 9:00am <br> $10: 00 \mathrm{am}-$ Noon <br> 2:00pm $-6: 00 \mathrm{pm}$ | The first 200 shoppers will receive a free game cartridge. <br> Come meet the characters from the $X$ Mutant Game. <br> Free balloons, popcorn and soda |
| :--- | :--- | :--- |
| Sat. Nov. 4 | $9: 00 \mathrm{am}-$ Noon <br> Noon $-2: 00 \mathrm{pm}$ <br> 4:00pm $-6: 00 \mathrm{pm}$ | Radio Station KROK will broadcast live. <br> Video Game Challenge Competition <br> Representatives from Intenduh will share game secrets |
| Sun. Nov. 5 | Noon-2:00pm <br> 6:00pm | Visit with skateboard legend, Frankie Eagle <br> Drawing for free Game Station System |

## AIMS Sample Test - Reading

 Grade 524 What is the only source where shoppers could find a complete list of products sold at We Got Game?

A www.WeGotGame.edu
B Frankie Eagle
C Mountain View Mall
D representative from Intenduh

25 What detail does not support that We Got Game is better than other game stores.

A "a one-stop paradise"
B "special arrangements with the manufacturers to preview games"
C "a gigantic variety of electronic games"
D "we have great news for you"

26 What should people do if they want to receive a free game cartridge?

A Visit with Frankie Eagle.
B Be one of the first 200 shoppers on Friday.
C Listen to the live radio broadcast.
D Be one of the first in line on November 4.

27 In order to meet the characters from the X Mutant Game, what time should shoppers arrive?

A 9:00 A.M.
B 10:00 A.M. - Noon
C Noon-2:00 P.M.
D 6:00 P.M.

28 Which of these best explains why the author repeats "We Got Game?"

A to identify the website
B to show how new the store is
C to convince the reader to shop there
D to remind the reader how popular the store is

## AIMS Sample Test - Writing

 Grade 5
# AIMS Sample Test - Writing Grade 5 

Writing
DIRECTIONS: Read the writing prompt below. Use the next page for your prewriting/planning. Then write your draft.

Imagine a train that could take you anywhere on Earth! You have a ticket in your hand for a trip that can make stops at any three places.

Write a story about what happens from the time you get on the train until it returns to your hometown.

Your writing should:

- Have a story line with a clear sequence.
- Use descriptive words and phrases.
- Have well-developed characters.
- Describe the setting.

Remember to edit for spelling, grammar, punctuation, and capitalization.

## AIMS Sample Test - Writing Grade 5

Writing
DIRECTIONS: Use the prewriting/planning space below for notes, lists, webs, outlines, or anything else that might help you plan your writing.

## Prewriting/Planning

## AIMS Sample Test - Writing Grade 5

## Writing

## DIRECTIONS: <br> Write your draft on the following lines. Look back at the writing prompt and your

 prewriting/planning as you write your draft.
## Draft

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## AIMS Sample Test - Writing Grade 5

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AIMS Sample Test - Writing Grade 5

## Writing

## FINAL COPY

## Now you are going to revise your draft. Read your draft. Then use the questions in the Writer's Checklist as a guide to make changes to your draft. Check each box if you can answer "yes" to that question.

## WRITER'S CHECKLIST

$\square$ Are my ideas clear?
$\square$ Does my writing have words that make it interesting?Does my writing have a clear beginning, middle, and ending?
$\square$ Does my writing sound right and make sense?
$\square$ Did I edit for capital letters?Did I edit for correct punctuation?
$\square$ Did I edit for correct spelling?
If you left any box in the checklist blank, think about ways to make your writing better.

DIRECTIONS:
For each box you did not check, make the change on your draft. Then write your final copy on the following pages.

## AIMS Sample Test - Writing Grade 5

Writing

## FINAL COPY

## DIRECTIONS: Now write your final copy on the following two pages.

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## AIMS Sample Test - Writing

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AIMS Sample Test - Mathematics Grade 5

AIMS Sample Test - Mathematics
Grade 5

## Mathematics

DIRECTIONS: Read each question and choose the best answer.

1 Which of the following lists the mixed numbers in order from least to greatest?

A $\quad 7 \frac{1}{7} \quad 4 \frac{3}{7} \quad 2 \frac{4}{7} \quad 1 \frac{6}{7}$
$\begin{array}{lllll}\text { B } & 5 \frac{2}{7} & 6 \frac{1}{7} & 6 \frac{5}{7} & 7 \frac{3}{7}\end{array}$
C $2 \frac{3}{7} \quad 2 \frac{1}{7} \quad 3 \frac{4}{7} \quad 4 \frac{2}{7}$
$\begin{array}{lllll}\text { D } & 6 \frac{2}{7} & 3 \frac{3}{7} & 3 \frac{5}{7} & 5 \frac{4}{7}\end{array}$

2 What is the solution to the problem below?

$$
3 0 \longdiv { 1 2 0 }
$$

A 4
B 40
C 44
D 400

3 Which of the following rules could be used to make the number pattern shown below?

$$
1024,256,64,16
$$

A Subtract 4
B Add 4
C Multiply by 4
D Divide by 4

4 The circle graph below shows the percentage of students who selected each elective.


How much greater was the percentage of students who selected chorus than selected art?

A $5 \%$
B $8 \%$
C $11 \%$
D $13 \%$

5 Paige was asked to round 325,672 to the thousands place. Which number below shows the correct value?

A 325,000
B 325,700
C 326,000
D 326,670

AIMS Sample Test - Mathematics Grade 5

6 Mr. Toye is putting a fence completely around the garden shown below.


What is the least amount of fencing needed to go around the garden one time?

A 48 ft .
B $\quad 32 \mathrm{ft}$.
C 24 ft .
D 16 ft .

7 Which of the following is the closest to the perimeter of the shape?

$\longmapsto$ Represents 1 meter
A 10 meters
B 20 meters
C 30 meters
D 40 meters

8 What is the value of the expression below when $n=5.1$ ?

$$
4 \times n
$$

A 9.1
B 9.5
C 20.4
D 20.5

9 Which of the following fractions is greater than $\frac{8}{17}$ ?

A $\frac{3}{17}$
B $\frac{6}{17}$
C $\frac{7}{17}$
D $\frac{10}{17}$

10 What is the solution to the equation below?

$$
\begin{array}{r}
506 \\
\times \quad 64 \\
\hline
\end{array}
$$

A 5,060
B 5,176
C 32,384
D 33,024

## AIMS Sample Test - Mathematics

Grade 5

11 Which of the following values should be placed in the box to make the equation true?

$$
8=56 \div
$$

A 10
B 9
C 8
D 7

12 Which term correctly identifies the geometric solid represented by the drawing below?


A cylinder
B cone
C triangular prism
D rectangular prism

13 Which of the following decimal lists is in order from least to greatest?

A $3.5,3.1,2.9,2.4$
B 2.9, 3.5, 2.4, 3.1
C $2.4,2.9,3.1,3.5$
D $3.1,2.4,3.5,2.9$

14 The graph below shows that the total number of books Bryan reads each year remains fairly constant.


Based on the graph, which of the following is the most reasonable estimate for the number of books Bryan will read in 2005?

A 34 books
B 22 books
C 12 books
D 4 books

15 Ms. Collins' class finished some projects on Thursday and 14 projects on Friday. The class finished a total of 32 projects on those two days.

Which of the following describes the number of projects, $P$, the class finished on Thursday?

A $\quad 32 \times 14=P$
B $\quad P \times 14=32$
C $32+14=P$
D $P+14=32$

## AIMS Sample Test - Mathematics

 Grade 516 The students in Ms. Ruiz's class rolled a color cube 100 times. The results are shown in the table below.

Results

| Blue | Red | Green | White | Yellow | Purple |
| :--- | :--- | :--- | :--- | :--- | :--- |
| NN NN | NN NN | NN NN | NN NN | NN NN | NN NN |
| NN | 1111 | NN I | NN II | NN NN | NN III |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Which of the following is true of the results?

A The cube landed on green 16 times and on purple 18 times.
B The cube landed on red 9 times and on yellow 20 times.
C The cube landed on blue 15 times and on white 12 times.
D The cube landed on white 22 times and on yellow 20 times.

17 Which of the following is a model of a scalene triangle?
A

C

B

4 in.
D


## AIMS Sample Test - Mathematics

 Grade 518 The picture below shows the weight of each shape that Willie used to balance a scale.


Willie will place one additional shape on the scale. Which other shape needs to go on the left side of the scale to make it balance?
A
6
C

B

D


19 Which of the following best shows a reflection (flip) of the shaded shape across the dashed line?
A


C

B

D


## AIMS Sample Test - Mathematics

Grade 5

20 The problem below was part of Eric's homework.
Alexis and 3 of her girl friends are at the arcade. Each of them will buy a pass for 10 games, a hot dog, and a soda.
$\star$ Game passes cost $\$ 5.00$ each.
$\star$ The girls must be home by $8: 00 \mathrm{pm}$.
$\star$ A hot dog and soda cost a total of $\$ 3.75$.
What is the total cost to buy a game pass, hot dog, and soda for each of the 4 girls?

Which piece of information is not needed to solve the problem?
A Alexis and 3 of her friends are at the arcade.
B Game passes cost $\$ 5.00$ each.
C A hot dog and soda cost a total of \$3.75.
D The girls must be home by $8: 00 \mathrm{pm}$.

21 Irene is making a tessellation using the shape shown below.


Which of the following tessellations can be made using only a clockwise rotation?
A

C

B

D


AIMS Sample Test - Mathematics
Grade 5

22 Which of the following lists all the factors of 56 ?

A $1,4,6,7,8,9,16,56$
B $1,2,4,7,8,14,28,56$
C $1,2,28,56$
D 1,56

23 Celia used a rule to make the number pattern below.

$$
92,88,44,40,20
$$

$\qquad$
If this pattern continues in the same way, what will be the next number in the pattern?

A 16
B 12
C 10
D 8

24 The ceiling in Ms. Alexander's classroom is 7 feet high. How high is the ceiling in inches?

$$
7 \text { feet }=\text { ? inches }
$$

A 14
B 21
C 49
D 84

25 Which of the following goes in the box to make the equation true?

$$
4 \times \square=68
$$

A 64
B 17
C 16
D 7

26 Which expression has a value of 18 ?

A $[(3 \times 4)-(2 \times 5)]+1$
B $3+4+[(2 \times 5)+1]$
C $3+[(4 \times 2)+(5 \times 1)]$
D $3 \times[(4 \times 2)-5]-1$

27 Wendy used an addition rule to make the number pattern shown below. She forgot one number.

$$
27,34,41, \ldots, 55
$$

What number did Wendy forget?

A 48
B 47
C 44
D 43

AIMS Sample Test - Mathematics
Grade 5

28 Anju has a new puppy. She made a chart to show the growth of her puppy.
Puppy Growth

| Day | Weight <br> (in oz.) |
| :---: | :---: |
| $\mathbf{1}$ | 28 |
| 2 | 30 |
| 3 | 32 |
| 4 | 34 |
| 5 | 36 |

Based on the chart, the puppy -

A lost 2 oz. each week
B lost 2 oz . each day
C gained 2 oz . each week
D gained 2 oz . each day

29 Erika has 5 flavors of ice cream and 3 different toppings. How many different combinations of 1 flavor of ice cream and 1 topping can be made?

A 15
B 10
C 8
D 5

30 Heath plans to color the design shown below. He wants to make sure that common edges do not share the same color.


What is the least number of colors Heath can use for his design?

A 5
B 4
C 3
D 2

31 Mr. Veno's class of 17 students collected canned goods for charity. Each student collected 29 cans. What was the total number of cans collected?

A 46
B 232
C 333
D 493

AIMS Sample Test - Mathematics
Grade 5

32 Judy used the same rule on each number in column A to change it to a different number, which is shown in column B .

Judy's Number Table

| Column <br> A |  | Column <br> B |
| :---: | :---: | :---: |
| 12 | $\rightarrow$ | 36 |
| 13 | $\rightarrow$ | 39 |
| 14 | $\rightarrow$ | 42 |
| 15 | $\rightarrow$ | 45 |

Which of the following was the rule Judy used?

A Add 24
B Add 30
C Divide by 3
D Multiply by 3

33 What is the area of the shaded figure on the grid below?

$\square$ is one square unit

A 12 square units
B 14 square units
C 16 square units
D 18 square units

34 Which coordinates appear to be the location point $G$ on the coordinate grid?


A $(10,7)$
B $(7,10)$
C $(7,3)$
D $(3,7)$

35 All the students in Mr. Tate's class brought chips to school on Monday. Luis brought only an apple to school on Monday. Based on this information, which of the following must be true?

A If Luis brought only an apple, then he was not in school on Monday.
B If Luis brought only an apple, then he is in Mr. May's class.
C If Luis brought only an apple, then his is in Mr. Tate's class.
D If Luis brought only an apple, then he is not in Mr. Tate's class.

## AIMS Sample Test - Mathematics Grade 5

36 Which of the following would represent the rectangle below after doubling the length and width?

A
8 inches

C 4 inches

B 2 inches

D 8 inches


## AIMS Sample Test - Mathematics Grade 5

37 Danny spun the arrow on the spinner below 50 times and recorded the results in the table, as shown.


If the arrow is spun again, on which number will it most likely land?

A 1
B 2
C 3
D 4

