Vendor: Test Prep

Exam Code:SBAC

Exam Name: Smarter Balanced Assessment Consortium

Version: Demo

QUESTION 1

Read the information attached

Source 1:

Military Supports Alternative Treatments for Treating Pain in Vets and Troops

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death. The problem was found to be greatest among veterans returning from Iraq and Afghanistan ?particularly those with post-traumatic stress disorder ?who, according to a recent study published in the Journal of the American Medical

Association (JAMA), may have been given "inappropriate prescriptions" for opioids in a misguided attempt to relieve their suffering quickly.

Now, however, change appears to be coming as the military expands its use of alternative treatments such as chiropractic care.

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existing initiatives."

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dosages of opiates."

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chiropractic manipulative treatment and standard medical care rated their global improvement as "pain completely gone," "much better," or "moderately better." In the same study, only 17 percent who received standard medical care alone

said likewise.

Source 2:

Relief for Weekend Warriors Comes From Chiropractic Care, Not a Pill Bottle

Sports injuries can happen to anyone, and they may be more likely among amateur athletes than professionals.

Amateur athletes, whether they are weekend warriors or regular fitness buffs, can end up with an injury for a variety of reasons, from wearing the wrong shoes to an incorrect technique in a tennis or golf swing. However, amateurs and pros

alike want relief when they get hurt, and anyone can become addicted to strong, opioid painkillers, according to a recent

article in Outside magazine. "The reality is that all athletes are one fall, twist, or tweak away from landing their own opioid

prescription," the article notes.

In the wake of a directive from the Centers for Disease Control and Prevention to cut down on painkiller prescriptions, doctors and patients are seeking drug-free alternatives, and chiropractic care is one of them. In fact, chiropractic care can

provide not only short-term pain relief but long-term prevention of future pain by helping to address structural imbalances in the body that might be contributing to the problem. Medications (including ibuprofen and other over-the-counter drugs

as well as prescription drugs) can mask the pain from an injury but fail to address the cause. Doctors of chiropractic (DCs) use hands-on techniques to manipulate the joints and soft tissues of the body to address where pain syndromes may

originate. DCs receive a minimum of seven years of higher education and are skilled in the diagnosis and art of spinal manipulation. In addition, according to Dr. Sherry McAllister of the Foundation for Chiropractic Progress, most insurance

and health plans cover chiropractic care.

A student is writing an informational essay about the benefits of chiropractic care as part of a comprehensive wellness plan. He has found two sources, the text of which is given in the attached document. His essay makes the claim that

"Chiropractic care may be able to help alleviate pain symptoms and negate the need for dangerous and addictive pain medications." Decide if the information in source 1, source 2, both sources, or neither source supports the claim.

A. neither source

B. source 2

C. source 1

D. both sources

Correct Answer: D

QUESTION 2

	Junior	Senior	Total
Attending	36 *A*	31	67
Not Attending	22	45 *C*	67 *D*
Total	58 *B*	76	134

Referring to the attached results, what is the conditional probability of a student attending the game if they are a junior?

A. 0.54

B. 0.26

C. 0.5

D. 0.62

Correct Answer: D

QUESTION 3

In a certain function, $f(x)$ the value of $f(5) = 7$. Which of these functions could that be?

a) $f(x) = x^2 + 3x$
b) $f(x) = (x + 2)(x - 4)$
c) $f(x) = x^2 - 3x - 3$
d) $f(x) = x^3 - 3x^2 - 11x + 12$

- A. b, c
- B. a, b, c
- C. b, c, d
- D. b, d

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 4

A student is writing a research report on the Civil War. Here is a draft of that report.

The American Civil War erupted after years of tension between the North and the South. Differing views on westward expansion, states\\' rights, and possibly most notably slavery, Abraham Lincoln\\'s win in the 1860 presidential election was the trigger that sparked the war. Eleven states announced their secession from the Union and the Confederate States of America was born.

As the southern states banded together to fight for their rights against a president and government they feared was trying to abolish their way of life and ruin their economy, the Civil War pitted brother against brother in some cases. Those who supported the abolition of slavery supported the northern Union army. Those who saw value in slavery fought for the Confederate south. As shots were fired at Fort Sumter on April 12, 1861, the deadliest war for American

soldiers was officially underway.

The fighting would last another four years. Each side celebrated victories and suffered defeats during that time, but the North ultimately won. On April 9, 1865, three days shy of four years after it began, the Civil War came to an end. General Robert E. Lee surrendered to General Ulysses S. Grant at the Appomattox Court House in Appomattox County, Virginia.

Read the attached essay draft and answer this question about it. Which three of the following sentences provide the best evidence to support the main idea of the paper?

1.

It has been estimated that 620,000 American soldiers died in the Civil War.

2.

The period following the Civil War is known as the Reconstruction Era when much of the South was rebuilt and the southern states were readmitted back to the United States.

3.

The Battle of Gettysburg is one of the most well-known Civil War battles.

4.

Also known as "The War Between the States," the Civil War divided the nation over very fiery topics: the idea of central power and a federal government mandating state\\'s rights and the issue of slavery.

5.

The North was better equipped and had more men to fight than the South.

A. sentences 1, 4, and 5

B. sentences 1, 2, and 3

C. sentences 2, 3, and 5

D. sentences 3, 4, and 5

Correct Answer: A

QUESTION 5

James is training for the cross-country team. As part of his training he does a set of pushups for a minute every day. Over the past 3 days, he did 43, 40, and 45 pushups in these one-minute sessions.

On the 4th day, what is the minimum number of pushups he must do in order to increase his average?

A. 43

B. 46

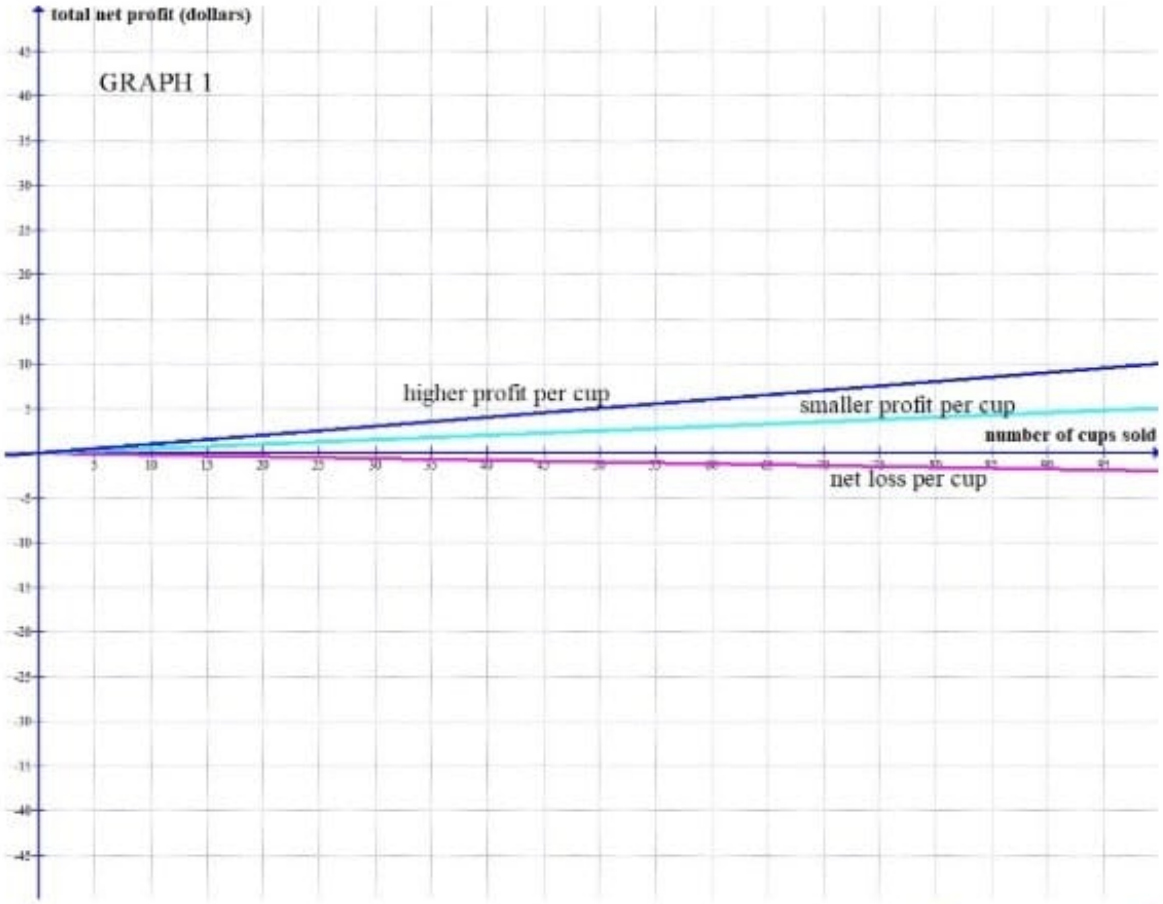
C. 45

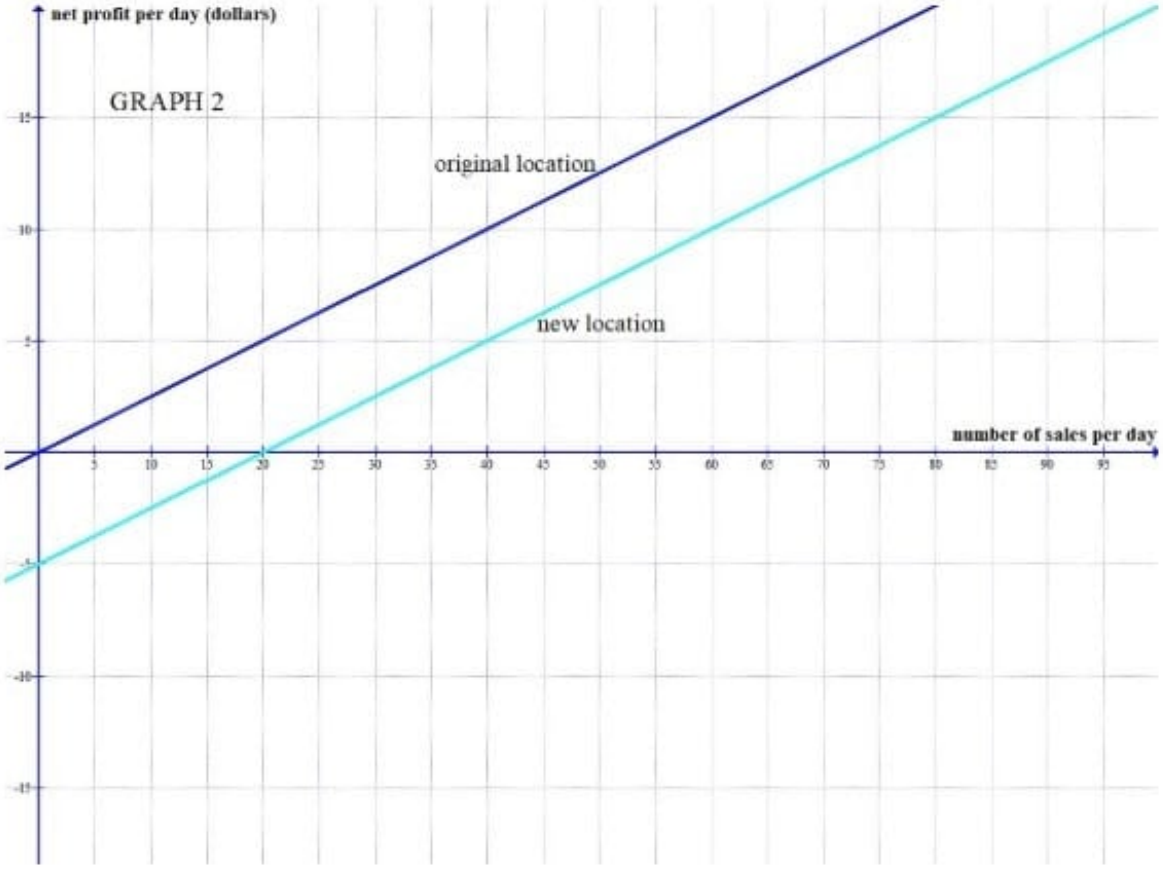
D. 42

Correct Answer: A

QUESTION 6

Aimee plans to open a lemonade stand. She wants to determine whether to sell an 8 ounce or 10 ounce cup of lemonade. Each 8-ounce cup costs 2 cents and 10 ounce cups are 3 cents each. The lemons to make a half-gallon of lemonade cost 5 dollars and the sugar for the half-gallon costs 85 cents. She already has all the materials needed to make the stand and she can use the location at no cost. Aimee notices that about 150 people pass by the location of her stand each day and thinks that 20 percent of these people will buy a cup of lemonade. You have made the 2 accompanying graphs to help Aimee make business decisions.


total net profit (dollars)
GRAPH 1
higher profit per cup
smaller profit per cup
number of cups sold
net loss per cup


net profit per day (dollars)
GRAPH 2
original location
new location
number of sales per day

Read the attached passage and consult the attached graphs.

Juanita has a location where 300 people per day pass by, but wants Aimee to pay $5 per day rent. Assume the same 20% of them will buy, and she is currently selling at a profit of 25 cents per cup. You show Aimee graph 2 to show the potential of the new site, but she thinks the slope of line 2 should be steeper since she is getting more customers. Explain why the slope is correct as shown.

A. Since there are more people each day, she will be using more cups.

B. The amount she makes per cup stays the same no matter how many people come by.

C. Since the new line starts lower the slope decreases to match the original slope.

D. Since she is paying rent, the slope has to decrease to match the original site.

Correct Answer: B

QUESTION 7

Choose an expression that is equivalent to $\sqrt{3^8}$.

- A. $3^{\frac{1}{4}}$
- B. 3^3
- C. 3^4
- D. 3^6

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 8

For two triangles to be congruent using the ASA theorem, ____.

A. the congruent pair of sides must be included between the pairs of congruent angles

B. the congruent pair of sides must be opposite the congruent pairs of angles

C. the congruent pair of sides is opposite one of the congruent pairs of angles

D. the congruent pair of sides make up only one of the sides for the congruent pairs of angles

Correct Answer: A

QUESTION 9

Jason is using a recipe that requires 3 teaspoons of salt for every 2 cups of flour. He needs to use 9 cups of flour to make enough for everyone. How much salt should he use?

A. 4.5 teaspoons

B. 10 teaspoons

C. 6 teaspoons

D. 13.5 teaspoons

Correct Answer: D

QUESTION 10

The first attachment:

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In fact, chiropractic care can provide not only short-term pain relief but long-term prevention of future pain by helping to address structural imbalances in the body that might be contributing to the problem.

Medications (including ibuprofen and other over-the-counter drugs as well as prescription drugs) can mask the pain from an injury but fail to address the cause. Doctors of chiropractic (DCs) use hands-on techniques to manipulate the joints

and soft tissues of the body to address where pain syndromes may originate. DCs receive a minimum of seven years of higher education and are skilled in the diagnosis and art of spinal manipulation.

In addition, according to Dr. Sherry McAllister of the Foundation for Chiropractic Progress, most insurance and health plans cover chiropractic care.

The second attachment.

Paraphrase A:

An increased reliance on opioid painkillers to alleviate the pain of injured military personnel is a concern for the medical community.

Paraphrase B:

The military has been troubled by an increasing over-reliance on prescription pain killers for the after-effects of tours of duty that they feel puts both veterans and active duty troops at risk of dependency, serious adverse reactions to the drugs

and accidental death. Studies suggest the problem is greatest among veterans returning from Iraq and Afghanistan ?particularly those with post-traumatic stress disorder ?who may have been given "inappropriate prescriptions" for opioids in

an erroneous attempt to relieve their suffering quickly.

Paraphrase C:

There is a concern about the rising rates of dependency on prescription painkillers for troops returning from active duty. Using prescribed opioid painkillers puts both veterans and active-duty military personnel at increased risk of negative

reactions to the drugs and accidental death. Veterans who served in Iraq and Afghanistan, who often return suffering from post-traumatic stress disorder, are often given quick and fast-acting painkiller prescriptions as well-intentioned doctors

try to help alleviate their patients\\' physical pain as swiftly as possible. But those prescriptions may not always be the best medicine.

Paraphrase D:

A rise in the number of "inappropriate prescriptions" being given by doctors and medical professionals to military personnel returning from active-duty or veterans who served in the past is alarming. These prescriptions include orders for

opioid painkillers. Opioids have become an epidemic in this nation and the rates of addiction and premature death from these drugs is rising. To stop the increase in opioid dependency, a different approach to pain management must be

introduced to the troops who return with battle scars both physical and mental.

The student really likes the first paragraph from source 1, as reproduced here, but he wants to paraphrase it. Look at the second attachment to this question .Which of the choices in that document is the best paraphrase of the paragraph?

"The military has long worried that an over-reliance on prescription pain killers for the after-effects of tours of duty was putting both veterans and active-duty troops at risk of dependency, serious adverse reactions to the drugs and accidental death. The problem was found to be greatest among veterans returning from Iraq and Afghanistan?articularly those with post-traumatic stress disorder?ho, according to a recent study published in the Journal of the American Medical Association (JAMA), may have been given "inappropriate prescriptions" for opioids in a misguided attempt to relieve their suffering quickly."

A. paraphrase C

B. paraphrase A

C. paraphrase B

D. paraphrase D

Correct Answer: A

QUESTION 11

A student is writing an article about safety in high school athletics. Read the draft of the article and complete the task that follows.

Just how safe are high school athletics? Critics would argue that most sports are highly dangerous to those teens who participate in them. Recently football has been the most closely scrutinized. The dangers of the high school gridiron are many: head injuries, knee injuries, and heat exhaustion. It seems as if every year more studies are released implicating the immediate and long-term effects of this highly physical sport. Football, however, is not the only sport that has drawn attention. Any sport that involves contact (basketball, hockey, lacrosse) can leave its players vulnerable to injury. The question then becomes: what is being done to prevent thee injuries?

Steps are being taken to reduce the most serious complications of all sports. One way that these issues are being

addressed is through the development of new equipment. Another way is through more stringent rules that govern practices as well as game time situations. Most importantly, educating players, coaches, and parents to the real dangers of athletics has taken a new priority. Through education, regulations, and equipment, high school sports can continue to be a source of entertainment, not danger.

Choose the two sentences that provide the best evidence to support the main idea of the paper.

A. It has been estimated that nearly half of all high school participates in athletics on some level.

B. This school district reports that each high school has a minimum of five varsity sports; this number does not include junior varsity or community leagues.

C. Bob Jones, Southern High\\'s athletic director, added this comment: "We had a very successful season; injuries did not play a measurable role in our record."

D. District wide data indicates that students are injured on school property at a relatively low rate; last year only thirty-three accidents were reported that resulted in student injury.

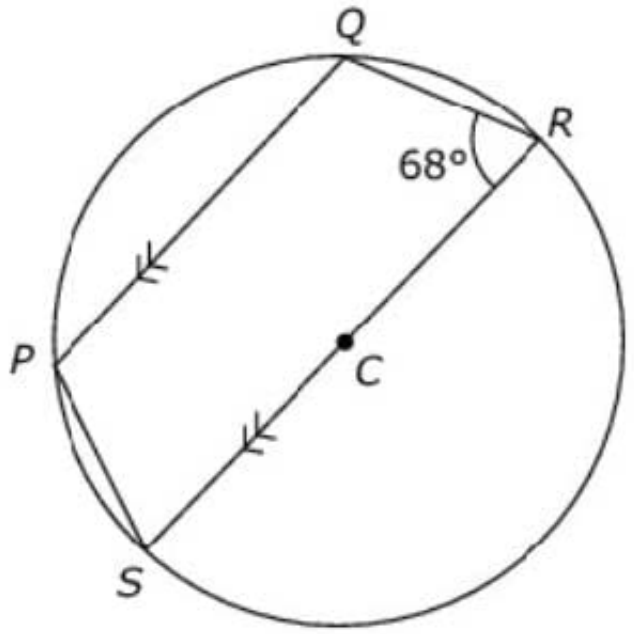
E. One of the most visible educational campaigns has been launched by the National Football League (NFL); it is entitled "Heads UP" and trains coaches and student athletes on techniques to avoid head injuries.

F. In a 2010 study, American University found that close to 80 percent of high school athletes had reported injuries during their athletic careers; approximately 25 percent of these injuries were considered serious.

Correct Answer: EF

QUESTION 12

Use the circle below to answer the question.



The circle is centered at point C. Line segment PQ is parallel to SR. What is the measure of angle QPS?

A. 68°

B. 112°

C. 136°

D. 158°

Correct Answer: B