Question 3

Not yet answered

Marked out of 1.00

Flag question

How many permutations of the letters ABCDEFGHI contain the string ABC ?

- a. 5040
- b. 1802
- c. 3440
- d. 4650
- e. 2450

Quiz navigation

1 2 3 4 5

Finish attempt ...

Time left **0:02:22**

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Question 1

Not yet answered

Marked out of 1.00

Flag question

What is the smallest integer N such that $\left\lceil \frac{N}{6} \right\rceil = 9$

- a. 49
- b. 46
- c. 38
- d. 29

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Quiz navigation

1 2 3 4 5

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Announcements

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Maths Exam

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Search the web and Windows
1:28 AM
2/3/2022

Question 2

Not yet answered

Marked out of 1.00

Flag question

A watch loses x minutes every y hours. At this rate, how many hours will the watch lose in one week?

- a. 7xy
- b. 14x/5y
- c. 5y/2x
- d. 14y/5x

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Quiz navigation

1 2 3 4 5

Finish attempt ...

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Activate Windows
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Question **4**

Not yet answered

Marked out of 1.00

Flag question

How many different ways can three of the letters of the word BYTES be chosen if the first letter must be B?

- a. P(4,2)
- b. P(2,4)
- c. C(4,2)
- d. C(4,3)
- e. None of these

Quiz navigation

1 2 3 4 5

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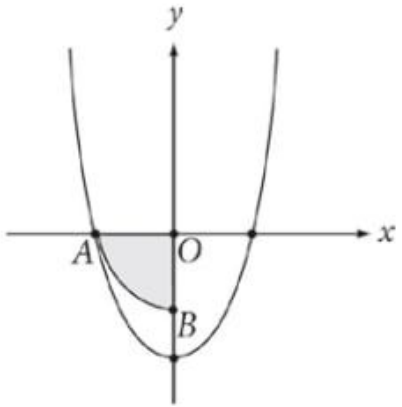
Question 4

Not yet answered

Marked out of 1.00

Flag question

In the figure above, AB is the arc of the circle with center O. Point A lies on the graph of y = x2 – b, where b is a constant. If the area of shaded region AOB is π, then what is the value of b?



a. 2

b. 3

c. 4

d. 5

Quiz navigation

1 2 3 4 5

Finish attempt ...

Time left **0:09:29**

Question 5

Not yet answered

Marked out of 1.00

Flag question

If p= A Pentium 4 computer,
q= attached with ups.
Then "no Pentium 4 computer is attached with ups" is denoted by

- a. ~ (p ∧ q)
- b. ~ p ∧ q
- c. ~ pv q
- d. ~ (p vq)

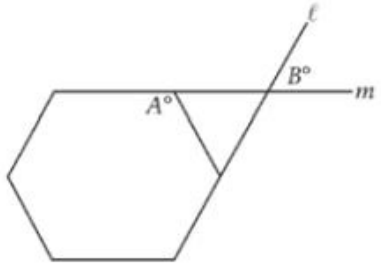
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Search the web and Windows

1:36 AM
2/3/2022

Question 1
Not yet answered
Marked out of 1.00
Flag question

Lines l and m extend from two sides of the regular hexagon as shown above. If A = 120, what is the value of B, in degrees?



a. 90
b. 140
c. 30
d. 60

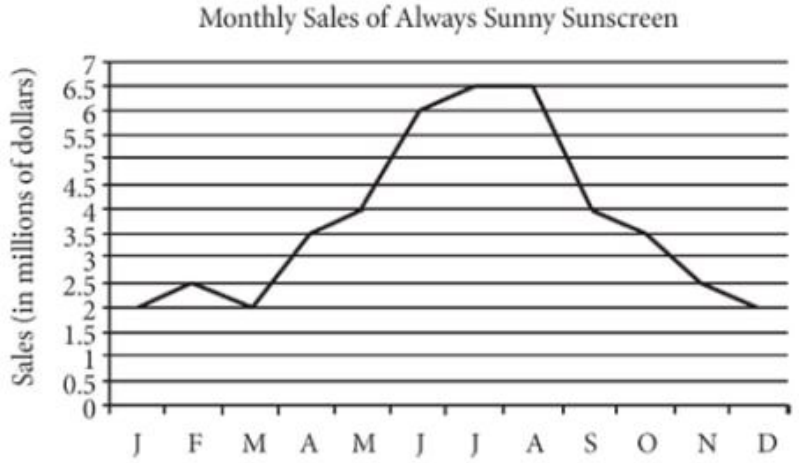
Quiz navigation

1 2 3 4 5

Finish attempt ...

Time left **0:09:52**

Question 2
Not yet answered
Marked out of 1.00
Flag question



The forecasted monthly sales of Always Sunny Sunscreen are presented in the figure above. For which period are the forecasted monthly sales figures strictly decreasing then strictly increasing?

- a. February to April
- b. September to November
- c. June to August
- d. January to March

Quiz navigation
1 2 3 4 5
Finish attempt ...
Time left 0:09:45

Question 5
Not yet answered
Marked out of 1.00
Flag question

Abera, Berka, and Keya are running a juice and snack stand to earn money. They are selling juice for Birr 1.07 a cup and chocolate chip cookies for Birr 0.78 each. Their customers arrive on foot or by car. During a three-hour period, they had 47 customers each buying only one item and made Birr 45.94. Abera, Berka, and Keya need to determine if they have enough supplies for tomorrow. Solving which of the following system of equations will let them know how many cups of juice, x, and how many cookies, y, they sold today?

a. $\begin{cases} x + y = 47 \\ 1.07x + 0.78y = 45.94 \end{cases}$

b. $\begin{cases} x + y = 45.94 \\ 1.07x + 0.78y = 47 \end{cases}$

c. $\begin{cases} x + y = 47 \\ 107x + 78y = 45.94 \end{cases}$

d. $\begin{cases} x + y = 47 \\ 0.78x + 1.07y = 45.94 \end{cases}$

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1 2 3 4 5
Finish attempt ...
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Question 1

Not yet answered

Marked out of 1.00

Flag question

What is the probability of the random arrangement of letters in the word "UNIVERSITY" and two I's should come together?

- a. 1/7
- b. 1/5
- c. 2/7
- d. 3/5

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8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25

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PREVIOUS ACTIVITY
Mock Exam