

Grade 12 Essential RESCUE Test

A Mid-Term test to Rescue some marks for some students

This test will be suitably weighted in value to favour elevating student marks.

Open book! Use loan tables, a cheat sheet, etc.' Grab paper, pencil, copy out the questions and answer here.

"State your answer" means just give your final answer since it is not practicable to show work.

Bonus Questions are worth two marks each if you need the marks

mrf.teach516@gmail.com [Switch accounts](#)

 Draft restored

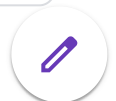
***Required**

Email *

Your email address

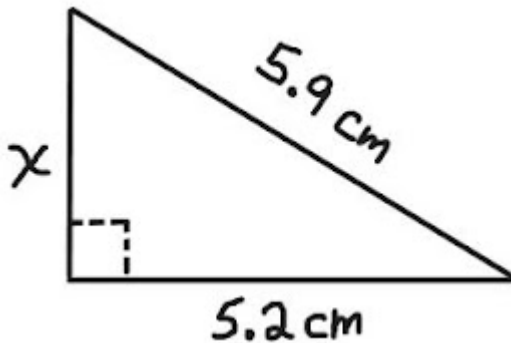
A new car has a value of \$35,000. It depreciates in value every year, losing 20% of its value from the previous year. What is the expected value of the car after 12 years? [select best or closest answer] * 2 points

- \$2,800
- \$175
- \$28,000
- \$2,400



State the measure of length x *

2 points



Your answer

Keegan is taking an Independent Study Grade 12 Physics course. He has received a mean mark of 83% on his assignments, 57% on his mid-term exam, and 45% on his final exam. Assignments are worth 50% of his final mark, while the mid-term exam was worth 20% of the final and the final exam is worth 30% of the final mark. Determine Keegan's final mark in this course. State your answer below. *

2 points

Your answer

Loans. Lyle takes a loan for \$22,600 at an Annual Percentage Rate (APR) rate of 25% (silly!!!) from the local car dealer. He makes monthly payments for 4 years. His monthly payments are: (select the best or closest answer) *

2 points

- \$33.16
- \$470
- \$565
- \$1,412.50
- \$749



Josh is thinking of buying a car. He plans to finance the car with monthly payments of \$450. He already has other regular debts of \$1,200 per month for rent. His gross monthly income is \$3,600. Determine his TDSR *

2 points

Your answer

Determine the mean of the following set of numbers: [state your answer to nearest 0.1] *

2 points

8	9	8	6	6
5	8	2	6	2

Your answer

Brian scores gets 29 out of 45 points on his final exam. He is in a class of 34 students. Both Brian and Dave had the same score on the exam. 28 students had a lower exam score than Brian. State Brian's Percentile Rank for the exam. *

2 points

Your answer

Problem Solving. The teacher says: "If you triple my age and add 32, the answer is 188". How old is the teacher? *

2 points

Your answer



Paige is planning a trip to Edmonton, a 1,250 km drive, after grad. She knows her car has a fuel economy of 9.3 L / 100 km. The current price of gas is \$1.49 per litre. State how much Paige should expect to pay for gas *

2 points

Your answer

BONUS. Student council is doing a survey to see if students want a Grad Party. 95% of the 20 students in Trisha's class say YES. 40% of Rick's 10 students say YES. 75% of Myrna's 8 students say YES. The mean number of students who say YES is: [select best or closest answer]

0 points

- 32%
- 70%
- 76%
- 12.67%

An outlier data tends to affect this measure of central tendency the most: *

2 points

- range
- mode
- mean
- median
- percentile rank

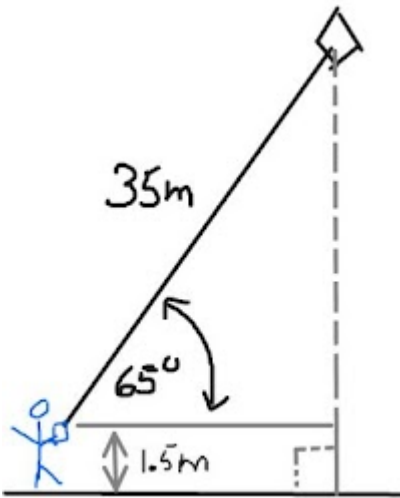


Bonus. Determine the sum of all the counting numbers from 1 to 25

0 points

Your answer

Sandra is out flying a kite with her son. The string of the kite is 35 m long. Sandra measures the angle of elevation as 65 degrees with her phone 1.5 m above the ground. State the height of the kite above the ground. *



Your answer

A copy of your responses will be emailed to the address that you provided.

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