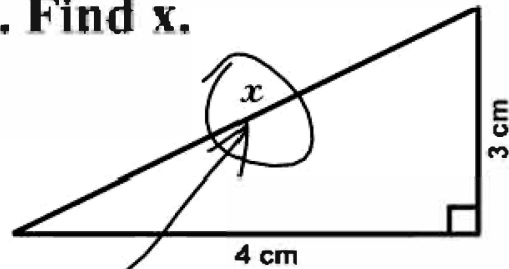


3. Find x.



Here it is

PETER

1.21

4b) Expand

$$(a+b)^n$$

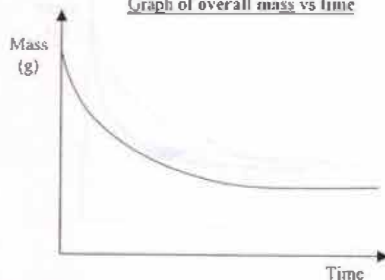
$$= (a + b)^n$$

$$= (a + b)^n$$

$$= (a + b)^n$$

etc...

Graph of overall mass vs time



1. Explain the shape of the graph.

It's curvy, with a higher bit at the end and a rather aesthetically pleasing slope downwards towards a pretty flat straight bit. The actual graph itself consists of 2 straight lines meeting at the lower left hand corner of the graph and moving away at a 90° angle. Each line has an arrow head on the end.

$$C = \sqrt{\int_{x_1}^{x_2} \sum_{i=1}^n a_i dx}$$



CHECKING IN (Answer on your own and hand in to your instructor)

The water of the earth's oceans stores lots of heat. An engineer designed an ocean liner that would extract heat from the ocean's waters at $T_h = 10^\circ\text{C}$ (283 K) and reject heat to the atmosphere at $T_l = 20^\circ\text{C}$ (293 K). He thought he had a good idea, but his boss fired him. Explain.

Because he slept with his boss' wife. - Jathun...
oh dear!

Grade Bump Request Form

This form should be used for all students requesting a semester grade change for no legitimate reason. Students with legitimate issues should follow the sarcasm-free, university-approved process.

Name _____ Student ID _____ Semester _____ Course _____

I believe that the _____ I earned should be changed bumped to a(n) _____

Please consider the fact(s) that I: (check all that apply)

- ☐ Need this grade really, really bad!!!!!!!
- ☐ I am really upset with my final grade in the course
- ☐ Worked really hard, and my grade doesn't reflect my effort
- ☐ Will do "whatever I can" to increase my grade, including submit all the work I failed to submit in the first place (as long as it doesn't take too much effort)
- ☐ Wonder if there is some extra credit I can do
- ☐ Had some sort of vague "family emergency"
- ☐ Am claiming a death or illness in the family
- ☐ Am claiming the death or illness of a family pet
- ☐ Am claiming the death or illness of a beloved character on the Netflix series I binge watched instead of writing the term paper for the course
- ☐ Will lose my scholarship
- ☐ Need a minimum GPA of _____ to get into the _____ program or school
- ☐ Won't be able to participate on the _____ sportsball team
- ☐ Previously convinced a professor to change my grade in another course
- ☐ Am certain that this is all your fault, not mine
- ☐ Expected to graduate, but this single course grade kept me from doing so

Please ignore the fact(s) that I: (check all that apply)

- ☐ Put more effort into this request than I did into your course
- ☐ Plagiarized most of my work, including the discussion board post where I introduced myself
- ☐ Attended class so infrequently that you asked me for ID during the final exam
- ☐ Called you "bro" in all my emails
- ☐ Posted pictures of myself at Coachella on Twitter when I claimed to miss class to attend a funeral
- ☐ Turned in only half the work in the course, and did poorly on the other half
- ☐ Repeatedly told you that I was coming to your office hours for help and never showed up

If you do not grant this change, I plan to: (check all that apply)

- ☐ Repeatedly email you in the hopes of wearing you down on a technicality
- ☐ Threaten to file a complaint with your department, but not follow through
- ☐ Do nothing, as "it can't hurt to ask"
- ☐ Resort to begging and pleading
- ☐ Complain to my friends about how unfair you are and how your class sucks

In submitting this form, I certify that I: (please initial all)

- _____ Have not read the syllabus or university policies
- _____ Am demanding an immediate response despite not turning in a single assignment on time
- _____ Appreciate you "working with me" on this issue