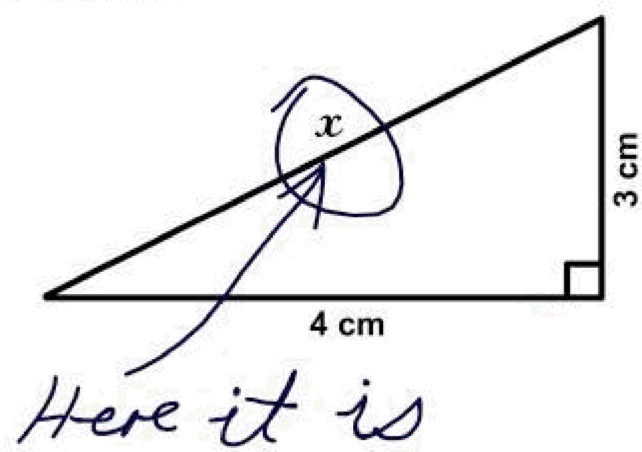
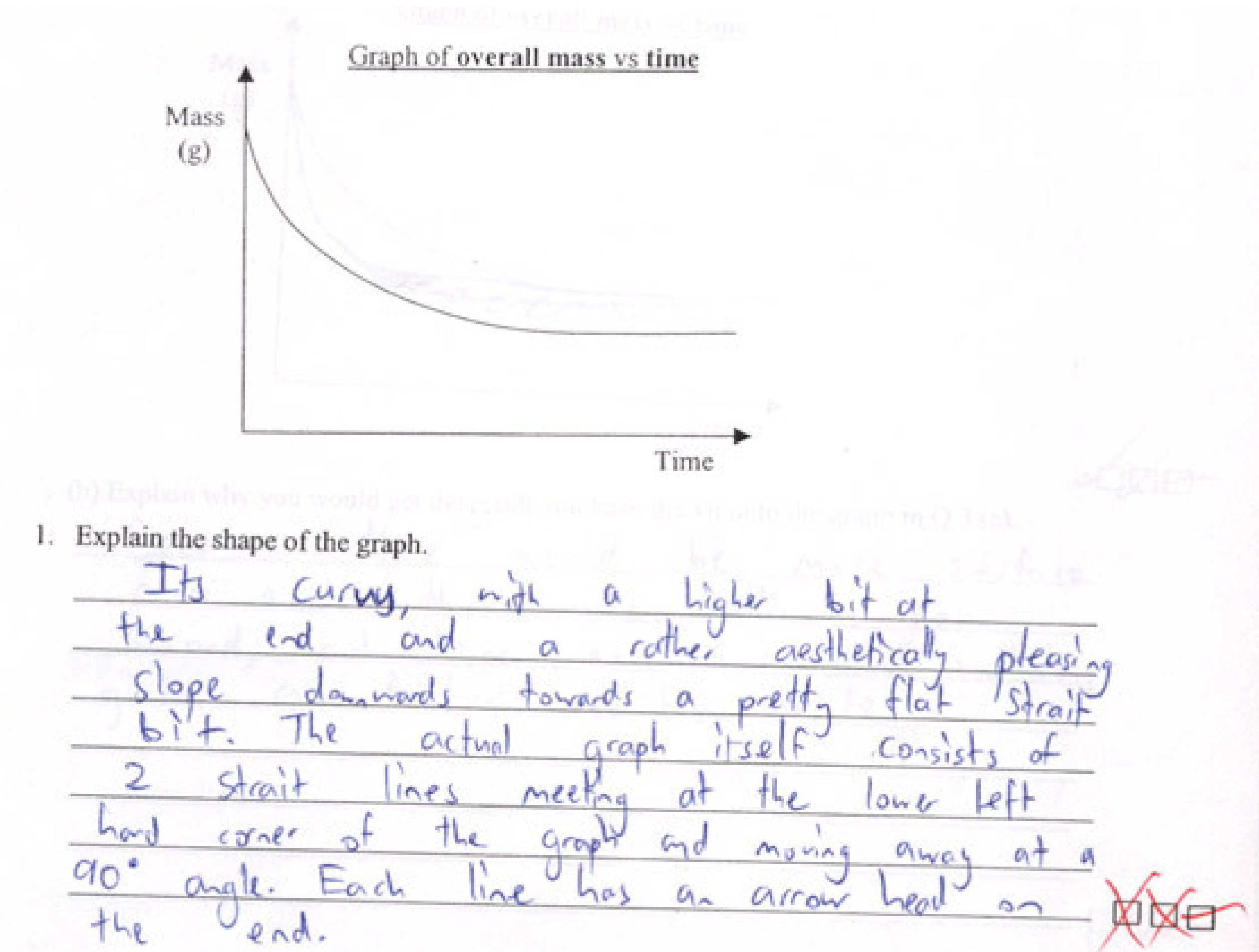
Wrong Answers

Though incorrect, these answers to exam questions are quite creative.

3. Find x.




Graph of overall mass vs time

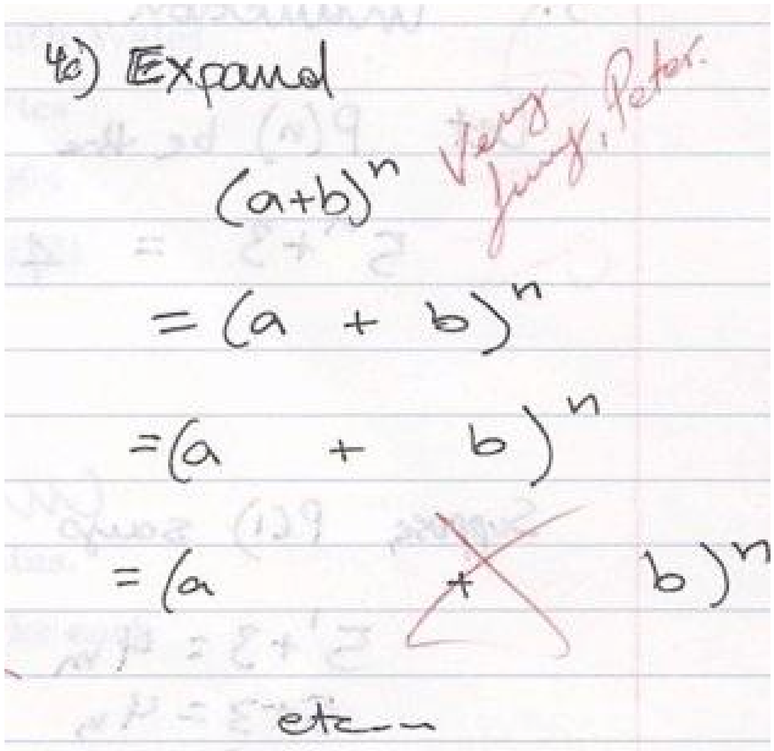
Mass (g)

Time

1. Explain the shape of the graph.

Its curvy, with a higher bit at the end and a rather aesthetically pleasing slope downwards towards a pretty flat strait bit. The actual graph itself consists of 2 strait 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.

Wrong Answers (cont'd)



4c) Expand

$(a+b)^n$

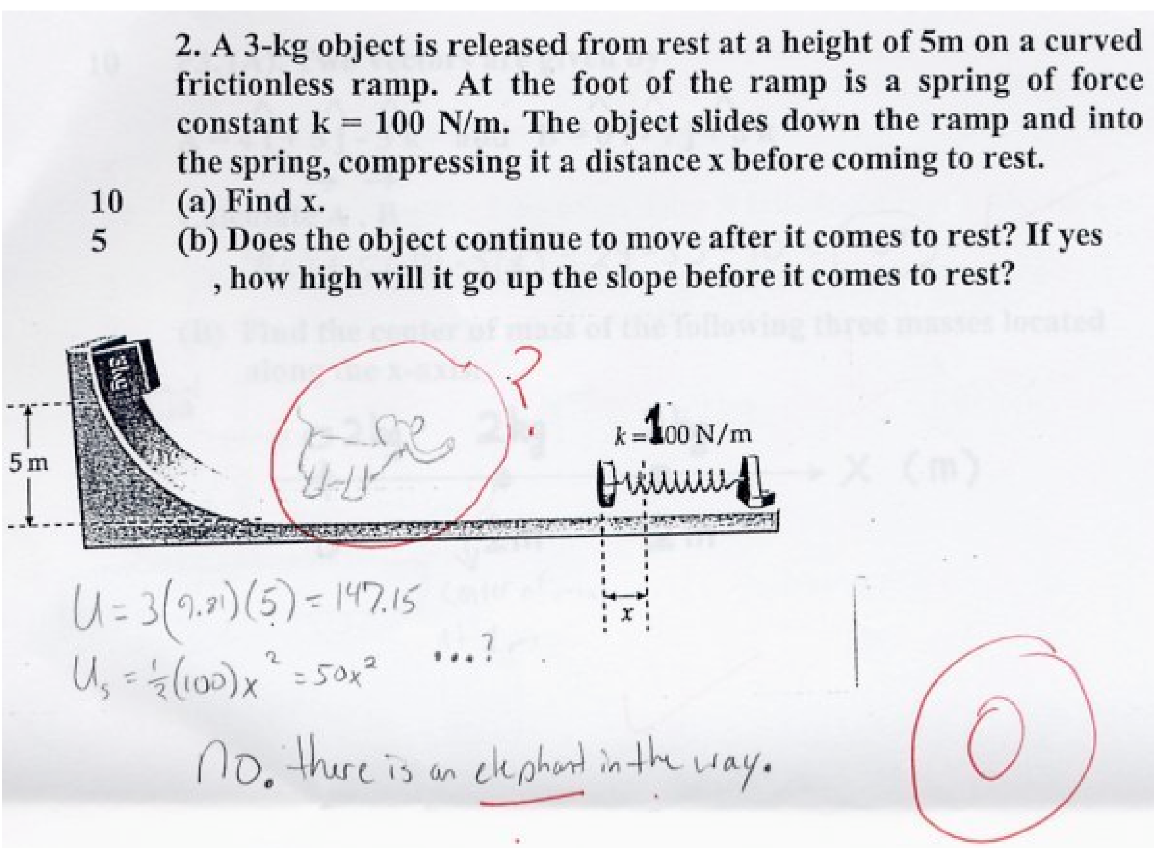
Very funny, Peter.

$= (a + b)^n$

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

$= (a \quad \cancel{+} \quad b)^n$

etc...



2. A 3-kg object is released from rest at a height of 5m on a curved frictionless ramp. At the foot of the ramp is a spring of force constant k = 100 N/m. The object slides down the ramp and into the spring, compressing it a distance x before coming to rest.

10 (a) Find x.

5 (b) Does the object continue to move after it comes to rest? If yes , how high will it go up the slope before it comes to rest?

$U = 3(9.81)(5) = 147.15$

$U_s = \frac{1}{2}(100)x^2 = 50x^2$ ...?

No. there is an elephant in the way.

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Wrong Answers (cont'd)