Show Your Work

Show vour work!

Box answer State answer in words

Late | Neat,

use units, cancel units

Show formulae

Plug in to formulae Show side calculations

Check answer - realistic? question?

Draw diagrams - plug back in to test

General Observations

Show work! It ensures you are doing the right steps. Makes it easy to review and check your answer, makes it easier for teacher to find the answer. Just a good habit to get into when things get get more challenging with more steps. Plus you can get part marks even if wrong answer!

Lable parts of your calculation for clarity to you and to teacher!

State answer in words often, where appropriate.

Find the mean and median of children aged {1,2,3,4,5} years

$$\overline{X} = Mean = \frac{15}{n} = \frac{3}{3}years$$
The mean (or average)
$$\overline{Age of the children is 3 years}$$

$$\overline{X} = Median. Position = \frac{n+1}{2} = \frac{5+1}{2} = 3$$

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area of this Show the formula, step figure? Plug in the numbers and units juggle the numbers (algebra) state answer clearly Make sure you answered the question! 70(a) Area = Rectangle Area + Darea

Rectangle: A=b·h= 5cm·0.04m 5.0.04 = 0.20 50+3+0.4+8 = 61.4 = 5cm . 4cm = 20cm Triangle: A= &bh = & 3cm · 50 Where is the answer? What formula did you use? What anits?

What is the

Things do get more difficult you know!

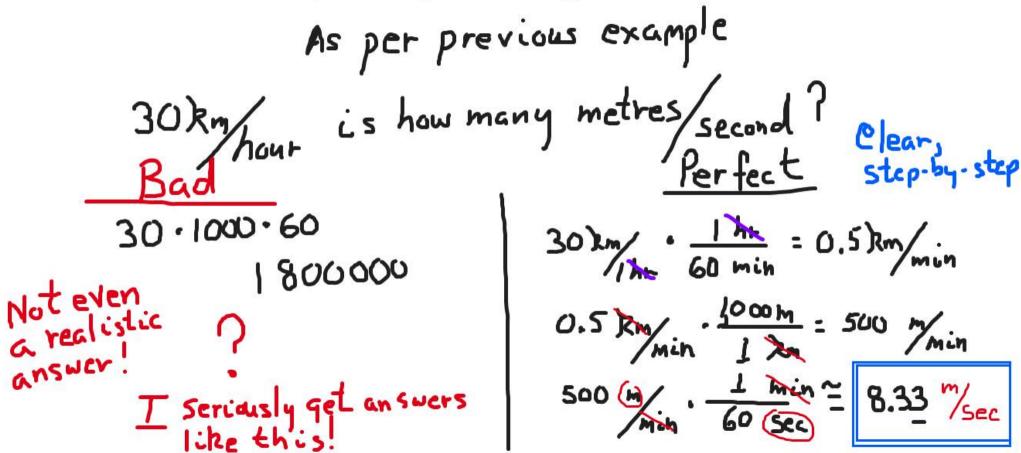
So do as I always do:

Get used to showing your steps even if trivial. You may need to teach your niece some day. It organizes your how you got your calculation!

thoughts. Others (ie: customers, clients) may want to see The school asks you how much it will cost to replace the carpet in the class room, they are paying you as a trades person for a good estimate. 30££

Who are you hiring? Total cost: \$ 5,104

Show units! When you get an answer of 12,345 is it pickles? Camels per mile? Pesos per day? Show units. Showing units throughout the entire calculation is even better, ensures you are using the correct formula.



If you were doing science class or nursing or advance business you would need to be very concise in rather complicated formulas

This is what you would be doing in Grade 11

Vertery = -4 - 2 price

Vertexy =
$$\frac{1}{-2\cdot 1} = \frac{1}{2} \cdot \frac{1}{2} + \frac{1}{4\cdot 1} + \frac{1}{2}$$

= $-4 + 8 + 1$

Travis makes decoy ducks. His profit is given by the equation Profit = $-\frac{3}{p}$ +4p +2

$$= -\frac{4!}{24} + \frac{4!}{2!} + \frac{4!}{2!} = -\frac{4!}{2!} + \frac{4!}{2!} = \frac{3!}{2!} = \frac{4!}{2!} = \frac{3!}{2!} = \frac{4!}{2!} =$$

Check your answer! -> Realistic? Plug back in

Solve 3.4x + 1.3= 14.5 Good 3.4x + 1.3-1.3 = 14.5-1.3 Bad 13.2-3.4 0.2575 x = 13.2 ÷ 3.4 x = 3.88135

χ= 3.88

Rauncled as instructed

Check: 3.4.3.88 +1.3= 14.492

Pretty good!