Blake Q's #2

May 17, 2020

Have your best crack at each question. To check your answers download the PhotoMath app and scan the question. I have used fancy formatting so that it should work. Have fun!

Question 1

Solve in terms of y

$$(\sqrt[2]{\frac{10y - z}{2}})^3 = 2x + 6 \tag{1}$$

Question 2

Use the previously simplified solution to find y when in $x = 10$ and $z = 3$

Question 3

Solve in terms of y and then use your CAS to let $x = 1.2$ degrees. **Make sure your CAS is in degrees mode**.

$$\sqrt{\tan(y)^2 - 10} = x \tag{2}$$