
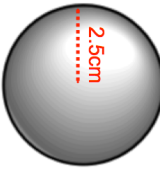

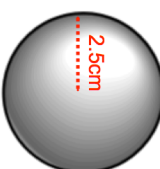


29th June	
Calculate the volume of the sphere. Give your answer to 1 decimal place.	
100g of lead and 50g of tin are mixed to make an alloy. The density of lead is 11 g/cm ³ The density of tin is 7g/cm ³	Work out the volume of lead used in the alloy.
Work out the volume of tin used in the alloy.	What is the density of the alloy?
Jenny invests £400 for two years at 5% compound interest, paid yearly. Tim says that the interest Jenny will receive will be £40. Is Tim right? Explain your answer.	
$a = \begin{pmatrix} 0 \\ -4 \end{pmatrix} \quad b = \begin{pmatrix} 1 \\ 2 \end{pmatrix}$	Work out $5a + 3b$

29th June	
Calculate the volume of the sphere. Give your answer to 1 decimal place.	
100g of lead and 50g of tin are mixed to make an alloy. The density of lead is 11 g/cm ³ The density of tin is 7g/cm ³	Work out the volume of lead used in the alloy.
Work out the volume of tin used in the alloy.	What is the density of the alloy?
Jenny invests £400 for two years at 5% compound interest, paid yearly. Tim says that the interest Jenny will receive will be £40. Is Tim right? Explain your answer.	
$a = \begin{pmatrix} 0 \\ -4 \end{pmatrix} \quad b = \begin{pmatrix} 1 \\ 2 \end{pmatrix}$	Work out $5a + 3b$