

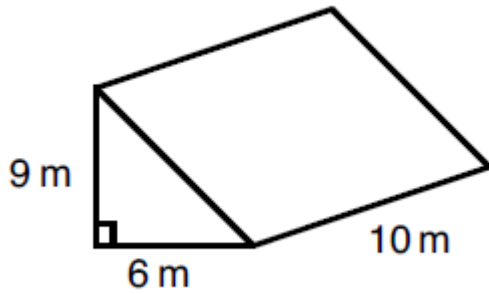
Homework 3

Due in:

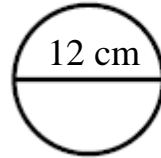
1. What is $\sqrt{2.56}$	3. Estimate the answer to $\frac{47 \times 8.9}{14.6}$. Show all intermediate steps
2. 5.9^3	4. Round your answer to question 2 to one decimal place (1 d.p.)

5. What is the LCM of 6 and 15?	8. What is $2.78 + 7.8 + 9.33 - 4.68$ (show working, no calculator)
6. Find the HCF of 36 and 28	9. Year 9 has 90 pupils, if 14 pupils favourite subject is maths, what angle would that be on a pie chart?
7. Increase £8.50 by 35%	10. $348 \div 6$ (show all working, no working no mark)

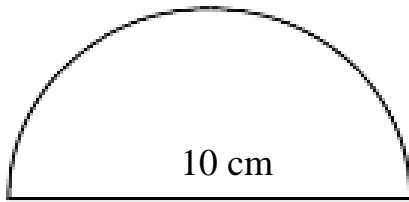
11. What is the volume of this shape?



14. What is the area of this circle?



12. What is the perimeter of this semi-circle?



15. Which is bigger, $\frac{4}{7}$ of 42 or 45% of 50. You must show your working.

13. Work out $1\frac{1}{3} \times 3\frac{1}{2}$

16. What is $2\frac{1}{8} + 1\frac{1}{2}$

17. Pete changed £120 into Euros (€). The exchange rate was £1 = €1.22. How many Euros did Pete get?

19. Write 35 cm as a fraction of 2 m. Cancel the fraction to its simplest form.

18. Divide £48 in the ratio 3:4:5

20. 5 miles = 8 km. How many miles is 40 kilometres?

Total:

