

# Homework 4

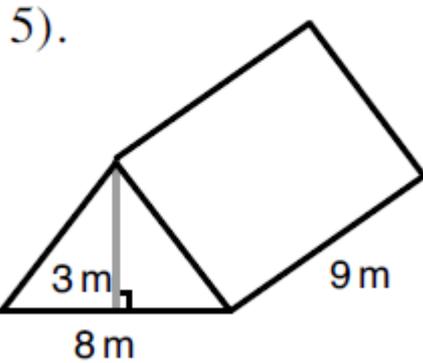
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Due in:

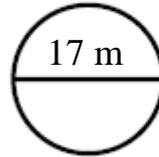
1. What is $\sqrt{3.24}$	3. Estimate the answer to $\frac{64 \times 4.7}{22.8}$ . Show all intermediate steps
2. $3.2^3$	4. Round your answer to question 2 to one decimal place (1 d.p.)

5. What is the LCM of 2, 3 and 5?	8. What is $4.56 + 6.8 + 43 - 3.79$ (show working, no calculator)
6. Find the HCF of 60 and 24	9. Year 9 has 60 pupils, if 13 pupils favourite subject is maths, what angle would that be on a pie chart?
7. Decrease £8.40 by 20%	10. $424 \div 8$ (show all working, no working = no mark)

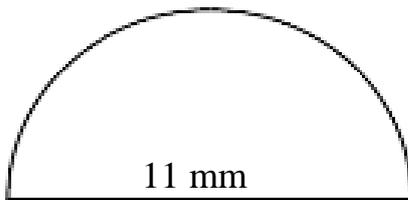
11. What is the volume of this shape?



14. What is the area of this circle?



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



15. Which is bigger,  $\frac{3}{5}$  of 50 or 40% of 80. You must show your working.

13. Work out  $2\frac{3}{4} \times 6\frac{2}{5}$

16. What is  $4\frac{2}{3} - 2\frac{1}{6}$

17. Pete changed £80 into Euros (€). The exchange rate was £1 = €1.23. How many Euros did Pete get?

19. Write 16 cm as a fraction of 4 m. Cancel the fraction to its simplest form.

18. Divide £48 in the ratio 7:5:4

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

Total:

