Homework 21

Due in:

1. The perimeter of a rectangle is 42cm. The base is double the height. Find the area of the rectangle.	3. $\frac{3}{8} + \frac{3}{7}$
2. 318 x 31 (you must show working)	4. $\frac{2}{5} \, of \, \frac{5}{8} \, of \, 40$

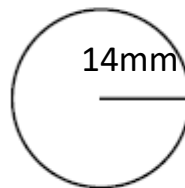|	
5. $\frac{3}{8} \div \frac{3}{4}$	8. If five numbers have a mean of 10, and four of the numbers are 8, 11 and 14, what is the fifth number?
6. $-16 \div 4$	9. Calculate the mean from this frequency table. 	x	5	6	7	8	 |---|---|---|---|---| 	f	7	2	9	6	
7. 18 pupils are asked for their favourite dessert and 4 say chocolate cake. What angle would this be on a pie chart?	10. solve $4x + 7 = 35$

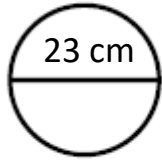|	
11. Solve 8(3x - 7) = 64	14. What is the probability of rolling a square number on a fair 8 sided dice?
12. Make b the subject $$a = \frac{7 + 5b}{2}$$	15. What is the area of this circle? 14mm
13. Expand and simplify; $(x - 3)^2$	16. Write 16 as a percentage of 45.

17. What is the circumference of this circle?	19. 2.7 x 3 (show working)
23 cm	
18. After an decrease of 10%, the shirt now cost £27, what was its original price?	20. What is 4^3?

Total: