Homework 18

Due in:

1. The area of a rectangle is 32cm². The base and height are whole numbers. What is the largest perimeter possible?	3. $\frac{3}{4} + \frac{2}{5}$
2. 217 x 33 (you must show working)	4. $\frac{3}{7} \times \frac{2}{3}$

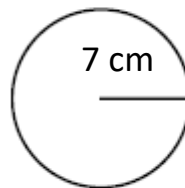|	
5. $\frac{3}{5} \div \frac{1}{3}$	8. If 6 numbers have a mean of 7, and five of the numbers are 5, 4, 11, 7, and 6, what is the sixth number?
6. +6 x -2	9. Calculate the mean from this frequency table. | x	5	6	7	8
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f	3	7	4	4	
7. 36 pupils are asked for their favourite football team and 35 say Chelsea. What angle would this be on a pie chart?	10. solve 7x - 1 = 34

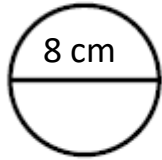|	
11. How many metres are in 1 kilometre?	14. What is the probability of rolling an odd number on a fair 6 sided dice?
12. Make b the subject $a = 4b + 3$	15. What is the area of this circle? 7 cm
13. Expand; $3(10 - 2x)$	16. Write 20 as a percentage of 80.

17. What is the circumference of this circle?	19. 5.2 x 6 (show working)
8 cm	
18. Increase £60 by 25%	20. What is 10^4?

Total: