

Homework 20

Due in:

1. The perimeter of a rectangle is 30cm. The base is 2cm greater than the height. Find the area of the rectangle.

3. $\frac{4}{7} - \frac{3}{5}$

2. 534×67 (you must show working)

4. $\frac{3}{4}$ of $\frac{4}{5}$ of 30

5. . $\frac{4}{5} \div \frac{7}{10}$

8. . If 6 numbers have a mean of 6, and five of the numbers are 3, 7, 2, 9, and 4, what is the sixth number?

6. $+8 \div -2$

9. Calculate the mean from this frequency table.

x	0	1	2	3
f	3	8	4	1

7. 72 pupils are asked for their favourite food and 8 say pizza. What angle would this be on a pie chart?

10. solve $3x - 9 = 15$

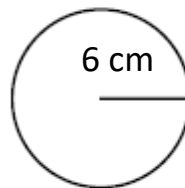
11. . Solve $3(5x + 4) = 42$

14. What is the probability of rolling a prime number on a fair 8 sided dice?

12. Make b the subject

$$a = \frac{2b + 4}{3}$$

15. What is the area of this circle?

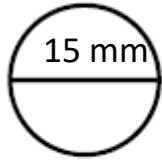


13. Expand and simplify;

$$(x - 7)(x - 3)$$

16. Write 40 as a percentage of 120.

17. What is the circumference of this circle?



19. 11.4×6 (show working)

18. After an decrease of 20%, the jacket now cost £48, what was its original price?

20. What is 10^9 ?

Total:

