

Substitution and Expanding Brackets

Read the questions carefully, write your working if the question requires it then write the answer.

1. $\frac{30}{x} + 5 - 6$ $x = 6$

2. $2(10x - 4)$

3. $2x + 7 + 8$ $x = 3$

4. $5(x + y + z)$

5. $10y + 8y$ $y = 4$

6. $10(2 + x + 10y)$

7. $12x + 22$ $x = 10$

8. $12x(3 - 2)$