



## 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.  $12x(3 - 2)$

