

QUESTION 1 Write algebraic expressions for the following.

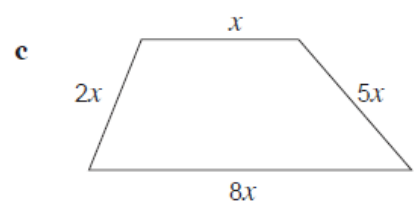
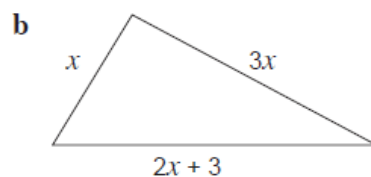
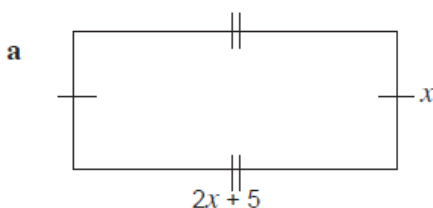
- a Add 5 to $x =$ _____ b The sum of x and $y =$ _____
c a times $b =$ _____ d The difference between p and $q =$ _____
e The square root of $m =$ _____ f The product of seven and $x =$ _____
g The square of $d =$ _____ h The number x divided by $n =$ _____
i Five times the sum of x and 3 = _____ j Square root of the product of x and $y =$ _____
k Four times, the number plus nine = _____ l Half the number, minus six = _____
m Seven times the square of a number = _____ n Square root of, five times the number = _____

QUESTION 3 Write the following algebraic expressions:

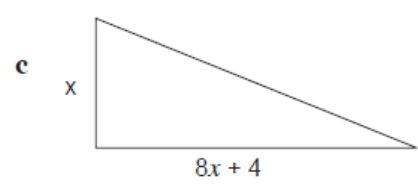
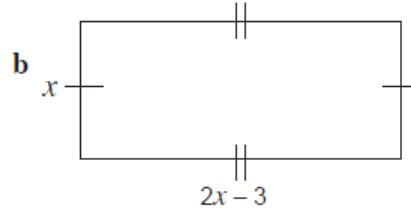
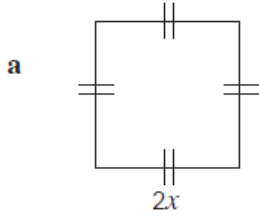
- a Double m and divide the result by 7: _____
b Multiply x and $5y$ and to this result add 9: _____
c Add 3 to p and multiply the result by 5: _____
d m is divided by n and p is added to the result: _____

- 1 Write the sum of $2x$ and $3y$. _____
2 Write the product of m and n . _____
3 Write the average of $2x$, y and $3z$. _____
4 Find the expression 3 more than $2x$. _____
5 If the first number is x , write the next consecutive integer. _____
6 Find the area of a square with side length x metres. _____
7 Write the perimeter of a rectangle of length 15 cm and width 7 cm. _____
8 Find the perimeter of a square with side length 8 cm. _____
9 Find the volume of a cube with side length 5 cm. _____
10 Find the number x less than $3x + 4y$. _____

12 Write the perimeter of the following shapes.



13 Find the area of the following shapes.



14 Your pocket money is $\$x$ per week. How much do you earn in 7 weeks? _____

15 If I bought p pens and $3q$ pencils and my sister bought $5p$ pens and $2q$ pencils, how many pens and pencils do we have altogether? _____

16 Three different types of sweets cost $5y$, $3y$ and $2y$ cents each. If I buy 4 of each type, what would be the total cost? _____