

MATHS WORKSHEETS- ALGEBRA- SOLVE THE FOLLOWING QUESTIONS

Solve the following questions.

1	Write $10 \times 2 \times a$ in a shorter way.	
2	Find the sum of $5x$ and $15y$.	
3	Write $7 \times h \times h \times h$ in another way.	
4	Find the expression of 4 more than the sum of 7 and $3x$.	
5	If the first number is $7x$, what is the next consecutive integer.	
6	Find the volume of a cube with side length $3h$ cm.	
7	Write $78a^2b$ showing multiplication signs.	
8	Write an algebraic expression for the following. To the sum of $3x$ and $9y$, add $5m$	
9	Find the number $(a-3)$ less than $2a + 7b$.	
10	Increase $7x$ by 5 and then decrease this result by $3x$.	
11	Find the area of a square with side length h metres.	
12	What is the product of $7x$ and $3y$?	
13	Write $15 \times y$ in a shorter way.	
14	Find the average of $8m$, $3m$ and $7m$.	
15	What is the difference in the meaning of $56m$ and $5 \times 6 \times m$?	

Answer Key:

1	$20a$
2	$5x + 15y$
3	$7h^3$
4	$4 + (7+3x) = 3x + 11$
5	$7x + 1$
6	$= (3h)^3 \text{ cm}^3$ $= 27h^3 \text{ cm}^3$
7	$78 \times a \times a \times b$
8	$3x + 9y + 5m$
9	$= 2a + 7b - (a - 3)$ $= 2a + 7b - a + 3$ $= a + 7b + 3$
10	$= 7x + 5 - 3x$ $= 4x + 5$
11	$h^2 m^2$
12	$21xy$
13	$15y$
14	$18m \div 3 = 6m$
15	$56 \times m$ and $30 \times m$