

Tick (✓) the correct answer in each of the following:

- Two times  $x$  added to three times  $y$  is written as:  
 (a)  $3x+2y$  (b)  $2x+3y$  (c)  $\frac{3x}{2y}$  (d)  $\frac{2x}{3y}$
- Five times  $x$  taken away from one-fourth of  $y$  is:  
 (a)  $5x + \frac{y}{4}$  (b)  $5x - \frac{y}{4}$  (c)  $\frac{y}{4} - 5x$  (d) none of these
- Five times  $x$  is written as:  
 (a)  $x+3$  (b)  $3-x$  (c)  $5x$  (d)  $\frac{3}{x}$
- Solution of equation  $3x-1=8$  is:  
 (a)  $x=1$  (b)  $x=2$  (c)  $x=3$  (d)  $x=4$
- Which of the following is variable?  
 (a) 15 (b) -10 (c) 3 (d)  $y$
- ' $x$ ' added to the sum of  $y$  and 6 is written as:  
 (a)  $x(y+6)$  (b)  $x+(y+6)$  (c)  $x+6y$  (d)  $(y+6)+x$
- Meena's mother is twice as old as Meena. If mother's age is 40 years, Meena's age is:  
 (a) 30 years (b) 20 years (c) 10 years (d) 40 years
- If a side of a square is  $L$ , its perimeter is:  
 (a)  $2L$  (b)  $3L$  (c)  $4L$  (d)  $5L$
- Vijay earns ₹ $x$  a month and saves ₹ $y$  a month. His monthly expenditure is:  
 (a) ₹ $(y-x)$  (b) ₹ $(x-y)$  (c) ₹ $(x+y)$  (d) ₹ $(xy)$
- If  $x=5$ ,  $y=3$ ,  $z=1$ , then  $2x+y+z$  is:  
 (a) 10 (b) 11 (c) 14 (d) 13
- The value of  $y$  in the expression  $3y+10=16$  is:  
 (a) 5 (b) 4 (c) 3 (d) 2
- $p$  times  $x$  is written as:  
 (a)  $x+p$  (b)  $p-x$  (c)  $px$  (d)  $p \div x$
- Which of the following equations is satisfied by  $m=-3$ ?  
 (a)  $-3m=1$  (b)  $m-3=0$  (c)  $m+3=0$  (d)  $-3-m=1$
- A number when multiplied by 6 gives product 30 is written as:  
 (a)  $6x=30$  (b)  $6 \div x=30$