

## Quadratic Equation - MCQ

- 1) Identify the product of roots of the equation  $7t^2 - 4t - 77 = 0$ .
- i) 11                      ii) -77                      iii) -11                      iv) 77
- 2) If  $q = 2$  is one of the roots of the equation  $2q^2 - 22q + 36 = 0$ , identify the other root.
- i)  $q = 7$                       ii)  $q = -9$                       iii)  $q = -7$                       iv)  $q = 9$
- 3) Which equation is the same as  $20y^2 + 17y - 3 = 0$ ?
- i)  $20y^2 + 17y - 3 = 0$                       ii)  $20y^2 - 17y + 3 = 0$                       iii)  $20y^2 + 17y + 3 = 0$                       iv)  $20y^2 - 17y + 3 = 0$
- 4) Identify the roots of the equation  $x^2 + 7x = 0$ .
- i)  $x = 0 ; x = -7$                       ii)  $x = 0 ; x = 7$                       iii)  $x = 7 ; x = 0$                       iv)  $x = 7 ; x = 0$
- 5) Identify the sum of the roots of the equation  $z^2 + 7z - 12 = 0$ .
- i) -7                      ii) 7                      iii) 12                      iv) -12
- 6) Which quadratic equation has the roots  $z = 3$  and  $z = -3$ ?
- i)  $6z^2 + 6z - 18 = 0$                       ii)  $6z^2 - 6z - 18 = 0$                       iii)  $6z^2 + 6z + 18 = 0$                       iv)  $6z^2 + 5z - 9 = 0$
- 7) Identify the sum of the roots of the quadratic equation  $z^2 + 3z - 10 = 0$ .
- i) 4                      ii) 5                      iii) -3                      iv) -8
- 8) Which equation has the roots  $m = 10$  and  $m = 6$ ?
- i)  $m^2 - 16m + 60 = 0$     ii)  $m^2 + 16m + 60 = 0$     iii)  $m^2 - 16m - 60 = 0$     iv)  $m^2 + 16m - 60 = 0$

# PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please  
log in to  
download this  
worksheet.

Not a member?  
Please sign up to  
gain complete  
access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)