

Name : _____

Discriminant

MS1

Find the discriminant for each quadratic equation.

1) $10d^2 - \sqrt{6}d = -1$

2) $(r - 1)(r + 3) = 0$

3) $p(p - 1) = 5$

$n = 0$

5) $3q^2 - 5q + 1 = 0$

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

$t + 4 = 0$

7) $2v^2 - 5v - 8 = 0$

Members, please
log in to
download this
worksheet.

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

$\sqrt{3}s + 6 = 0$

9) $z^2 - 5z = -7.5$

10) $3h = 6h^2 - 2$

www.mathworksheets4kids.com

Name : _____

Answer key

Discriminant

MS1

Find the discriminant for each quadratic equation.

1) $10d^2 - \sqrt{6}d = -1$

2) $(r - 1)(r + 3) = 0$

-34

16

3) $p(p - 1) = 5$

$n = 0$

21

5) $3q^2 - 5q + 1 = 0$

$t + 4 = 0$

13

7) $2v^2 - 5v - 8 = 0$

$\bar{3}s + 6 = 0$

89

-93

9) $z^2 - 5z = -7.5$

10) $3h = 6h^2 - 2$

-5

57

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