

MATH1110H-lb-20260707

July 9, 2026

```
[1]: var('y')
      f = function('f')(x)
      f(x) = x^2
      f(2)
```

[1]: 4

```
[2]: solve( f(x) == 2, x )
```

[2]: [x == -sqrt(2), x == sqrt(2)]

```
[3]: solve( x == f(y), y )
```

[3]: [y == -sqrt(x), y == sqrt(x)]

```
[5]: var('a,b,c')
      solve( a*x^2 + b*x + c == 0, x )
```

[5]: [x == -1/2*(b + sqrt(b^2 - 4*a*c))/a, x == -1/2*(b - sqrt(b^2 - 4*a*c))/a]

```
[ ]:
```