

# solve[ ]

solve [ ] function

- [solve  \$a\*x + b = 0\$](#)
- [solve  \$a\*x + b == 0\$  for  \$x\$](#)
- [instance \[ \]](#)

# solve $a \cdot x + b = 0$

```
sol = solve[ a*x + b == 0, {x}];
```

```
show sol;
```

```
save as solve4;
```

## Output

"sol" →  $\{-b/a\}$

# solve $a \cdot x + b == 0$ for $x$

```
sol = solve a*x +b == 0 for x;
```

```
show sol;
```

```
save as solve4;
```

## Output

"sol" →  $\{-b/a\}$

# instance [ ]

```
radius=norm[{x,y}];  
linear = 3*x+2*y;  
  
pts = instance [linear <= 3 and 0.5<=radius <=1 , 300];  
  
//show pts;  
pointplot pts;  
  
save as cropped_anulus;
```

Ouput

