

Matlab

Örnek

Aşağıda verilen matematiksel ifadeleri bilgisayar ortamına aktarınız.

$$(a = 1, b = 2, c = 3, d = 4, e = 5, f = 6)$$

- $ab - c + d - 6 + da = ?$

Çözüm

```
sonuc1 = a*b-c+d-6+d*a = 1
```

- $b + c^3 - \frac{d}{8} - b^2c = ?$

Çözüm

```
sonuc2 = b + (c^3) - d/8 - (b^2)*c = 16.5
```

- $a + \frac{(b+c^2)3f^3}{d+\frac{e-f}{3a}} = ?$

Çözüm

```
sonuc3 = a + ((b + (c^2)) * (3*(f^3)) / (d + ((e-f)/(3*a)))) = 1945
```

- $\frac{a}{b} + \sqrt{3} - bd^2 + \frac{2ab}{b^2-4ac} = ?$

Çözüm

```
sonuc4 = (a/b) + sqrt(3) - (b*(d^2)) + ((2*a*b)/((b^2)-(4*a*c))) = -30.2579
```

- $\frac{a+\frac{c}{b-a^2}}{\sqrt[3]{\frac{1+c^2-\sqrt{a+b^4}}{b+\sqrt[5]{cd^3}}}} + (ac)^3 - \frac{\sqrt{a^5}}{a\sqrt{a}} = ?$

Çözüm

```
sonuc5 = (a+c/(b-a^2)) / ((1 + c^2 - sqrt(a + b^4)) / (b+  
(c*d^3)^(1/5)))^(1/3) + (a*c)^3 - sqrt(a^5) / (2/(a*sqrt(a))) = 30.2550
```

[Sonraki >](#)