In [10]:

```python
from sympy import *
```

In [16]:

```python
M = Matrix([[2, 4, 3, 5, 6, 37], [4, 8, 7, 5, 2, 74], [-2, -4, 3, 4, -5, 20], [1, 2, 2, -1, 2, 26],
```

In [17]:

```python
M.rref()
```

Out[17]:

```
(Matrix([
[1, 0, 0, 0, 0, -8221/4340],
[0, 1, 0, 0, 0,  8591/8680],
[0, 0, 1, 0, 0,   4695/434],
[0, 0, 0, 1, 0,   -459/434],
[0, 0, 0, 0, 1,    699/434]]),
(0, 1, 2, 3, 4))
```

In [ ]: