Here's the **gather** mode with no numbering:

```
..begin eq
a = b + c
d = e + f
a + d = b + c
..end eq
```

$$a = b + c$$
$$d = e + f$$
$$a + d = b + c$$

Here's the **align** mode with no numbering:

```
..begin eq align
h &= 2x + 3y + 4z      &    2u + &2v = 10
x &= y                 &    &2v + 4w = 20
a &= b + c             &    2b + 2c + &7v = 30
f(x, y) &= g(a, b, c) &    &2v = 4z
..end eq
```

$$
\begin{aligned}
h &= 2x + 3y + 4z & 2u+2v &= 10 \\
x &= y & 2v + 4w &= 20 \\
a &= b + c & 2b + 2c+7v &= 30 \\
f(x,y) &= g(a, b, c) & 2v &= 4z
\end{aligned}
$$

Here's the **gather** mode with numbering:

```
..begin eq number
a = b
2x + 4c = 10
10 + 4c = 20
..end eq
```

$$a = b \tag{1}$$
$$2x + 4c = 10 \tag{2}$$
$$10 + 4c = 20 \tag{3}$$

Here's how to do **align** with numbering:

```
..begin eq align number
a &= b + c
a &= 2b + d
a &= 3c + e
..end eq
```

$$a = b + c \tag{4}$$
$$a = 2b + d \tag{5}$$
$$a = 3c + e \tag{6}$$