

These signs should have exactly the same spacing around them:

$$a = b$$

$$a \equiv b$$

$$a < b$$

$$a \gtrsim b$$

$$a \lesssim b$$

$$a \leq b$$

$$a \geq b$$

These signs should have exactly the same spacing around them:

$$a \rightarrow b$$

$$a \dashv b$$

$$a \wedge b$$

$$a \times b$$

$$a + b$$