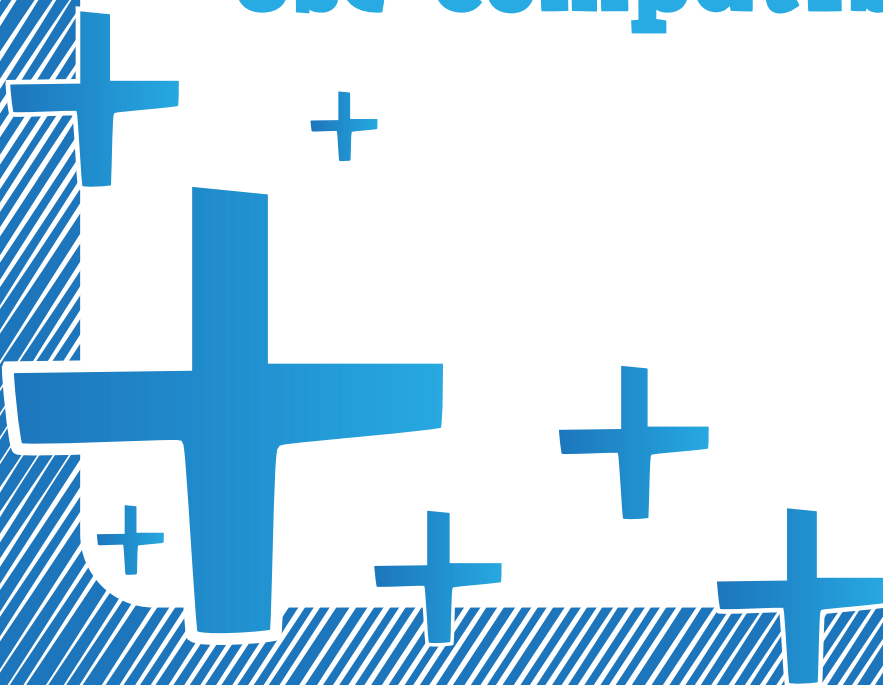


Addition

- **Use a known fact**
- **Count on**
- **Use doubles**
- **Add the parts**
- **Use place value**
- **Make a ten**
- **Round or adjust**
- **Use compatible pairs**

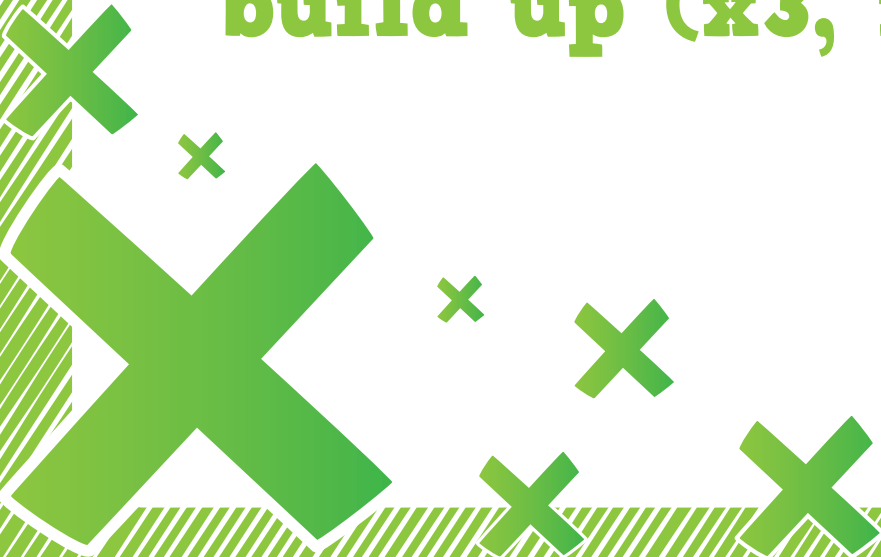


Subtraction

- Use a known fact
- Count back
- Use doubles
- Count on
- Subtract the parts
- Use a ten
- Use place value
- Round or adjust

Multiplication

- **Use doubles (x2)**
- **Use double doubles (x4)**
- **Use double double doubles (x8)**
- **Double and halve (x5)**
- **Use a known fact to build down (x9)**
- **Use a known fact to build up (x3, x6)**



Division

- **Use a known fact**
- **Halve ($\div 2$)**
- **Halve a half ($\div 4$)**
- **Think multiplication in reverse**
- **Common zeros**
- **Special numbers**

