

1. Count the number of blue squares:

2. Divide the number of blue squares by 30 (this will be in the form of a decimal).

$$\text{[]} \div 30 = \text{[]}$$

3. Multiply you answer from #2 by 100.

$$\text{[]} \times 100 = \text{_____}\%$$

4. Is your percentage of blue squares close to 70%?

5. If your percentage differs a lot from 70%, what could you do? (A larger sample size?)

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6. Count **all** of the squares.

A. How many blue squares? How many green squares?

B. Total Number of squares? + =

C. In the actual sample, what was the percentage of blue and green squares?

$$\text{[]} \div \text{[]} = \text{_____} \times 100 = \text{_____}\% \text{ blue squares}$$

$$\text{[]} \div \text{[]} = \text{_____} \times 100 = \text{_____}\% \text{ green squares}$$



