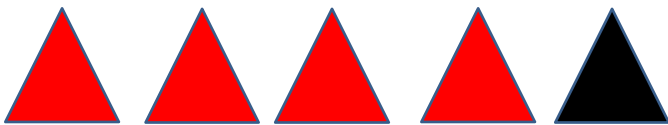# tutorified

3.NF.A.1 Word Problems Involving Fraction of Colored Parts
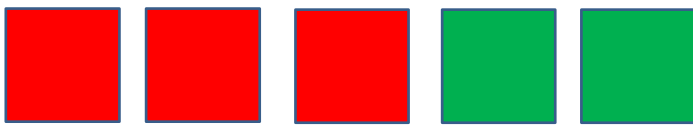
3.NF.A.1: Understand a fraction 1/*b* as the quantity formed by 1 part when a whole is partitioned into *b* equal parts; understand a fraction *a*/*b* as the quantity formed by *a* parts of size 1/*b*.

Read and answer the questions below. Write your answers on the space provided.
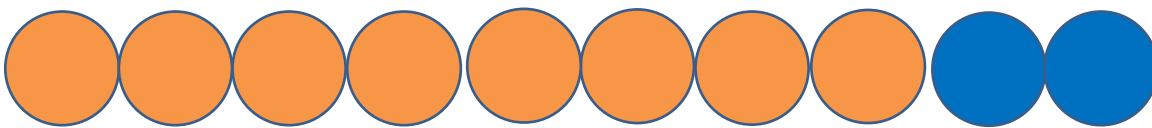
Chelsea drew 4 red triangles and 1 black triangle. What fraction of the triangles are black?
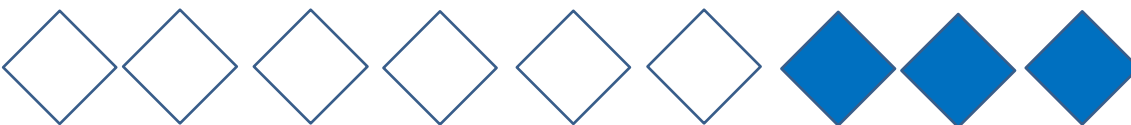
Dylan drew 5 squares. He colored the 3 squares red and the rest green. What fraction of the squares are green?

There are 10 circles printed in a paper. Mio colored 8 of these circles orange and the rest blue. What fraction of the circles are blue?

If I choose to color 6 diamonds white and 3 diamonds blue, what fraction of the diamonds are white?

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Answer Key

3.NF.A.1: Understand a fraction 1/*b* as the quantity formed by 1 part when a whole is partitioned into *b* equal parts; understand a fraction *a/b* as the quantity formed by *a* parts of size 1/*b*.

Read and answer the questions below. Write your answers on the space provided.

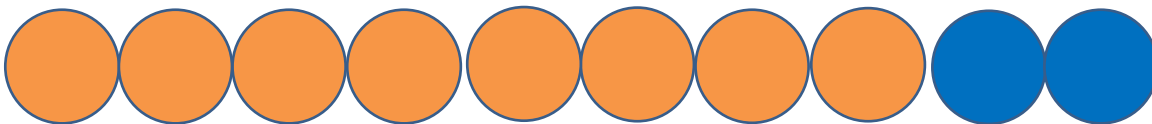Chelsea drew 4 red triangles and 1 black triangle. What fraction of the triangles are black?
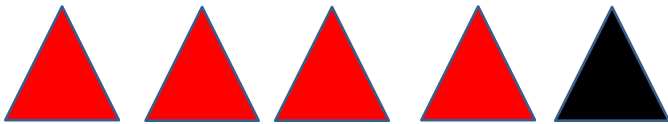
$\frac{1}{5}$

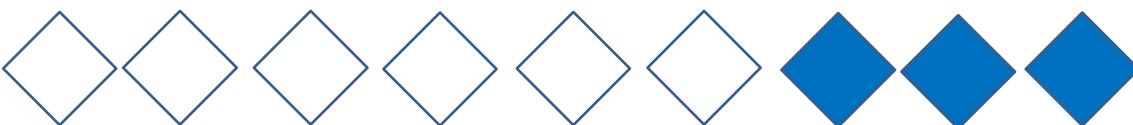Dylan drew 5 squares. He colored the 3 squares red and the rest green. What fraction of the squares are green?

$\frac{2}{5}$

There are 10 circles printed in a paper. Mio colored 8 of these circles orange and the rest blue. What fraction of the circles are blue?

$\frac{2}{10}$

If I choose to color 6 diamonds white and 3 diamonds blue, what fraction of the diamonds are white?

$\frac{6}{9}$