## Fractions and Length

A fraction can name part of the length of an object.
What part of this line segment is black?

You can use fraction strips to find the part of the whole.

| $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ | $\frac{1}{4}$ |
| :---: | :---: | :---: | :---: |

The line segment is $\frac{3}{4}$ black. The line segment is $\frac{1}{4}$ gray.

What fraction of the length of the 1 strip do the other strips show?
1.

2.

3.
$\square$
$\square$
4.

| 1 |
| :--- |


| $\frac{1}{3}$ | $\frac{1}{3}$ |
| :---: | :---: |

5. What fraction of the line segment is black?

| $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

6. Reason A figure is part blue and part red. It is $\frac{5}{8}$ red. What part of the figure is blue?
