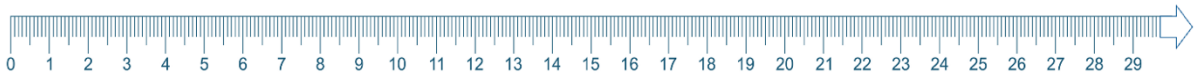
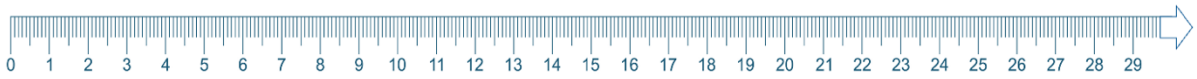
Multiples/Lowest Common Multiple

- How would I use the number line to explain multiples of 4?



- How would I use multiplication to explain multiples of 4?

- How would I use the number line to explain multiples of 6?



- How would I use multiplication to explain multiples of 6?

- How would I explain the Lowest Common Multiple (LCM) of 4 and 6?

Consider the two solutions shown below.

$$\frac{3}{4}+\frac{1}{6}$$

$$\frac{18}{24}+\frac{4}{24}=\frac{18+4}{24}$$

$$=\frac{22}{24}$$

$$=\frac{11}{12}$$

$$\frac{3}{4}+\frac{1}{6}$$

$$\frac{9}{12}+\frac{2}{12}=\frac{9+2}{12}$$

$$=\frac{11}{12}$$

- How would I compare how multiples were used in each solution?

Multiples/Lowest Common Multiple

Which statements do I feel confident explaining and demonstrating?
Which statements do I not feel confident explaining and demonstrating?