

PRIME NUMBERS

11 HAS ONLY TWO FACTORS: 1 AND 11 ITSELF.

$$\begin{array}{r} 11 \\ \hline 1 \times 11 \end{array}$$

167 HAS ONLY TWO FACTORS: 1 AND 167 ITSELF.

$$\begin{array}{r} 167 \\ \hline 1 \times 167 \end{array}$$

COMPOSITE NUMBERS

16 HAS MORE THAN 2 FACTORS: 1, 2, 4, 8, 16.

$$\begin{array}{r} 16 \\ \hline 1 \times 16 \\ 2 \times 8 \\ 4 \times 4 \end{array}$$

45 HAS MORE THAN 2 FACTORS: 1, 3, 5, 9, 15, 45.

$$\begin{array}{r} 45 \\ \hline 1 \times 45 \\ 3 \times 15 \\ 5 \times 9 \end{array}$$