



## 解答

$$\boxed{1} \quad 2, 3, 5, 7, 11, 13, 17, 19$$

$$\boxed{2} \quad \textcircled{1} \text{ 因数} \quad \textcircled{2} \text{ 素数} \quad \textcircled{3} \text{ 素因数}$$

$$\boxed{3} \quad \textcircled{1} \quad \underline{2 \times 3} \qquad \textcircled{2} \quad \underline{3 \times 5}$$

$$\boxed{4} \quad \textcircled{1} \quad \begin{array}{r} 2 \ ) \ 18 \\ \underline{3 \ ) \ 9} \\ \quad 3 \end{array} \qquad \textcircled{2} \quad \begin{array}{r} 2 \ ) \ 40 \\ \underline{2 \ ) \ 20} \\ \quad 2 \ ) \ 10 \\ \quad \quad 5 \end{array}$$

$$\underline{2 \times 3^2} \qquad \underline{2^3 \times 5}$$

$$\textcircled{3} \quad \begin{array}{r} 3 \ ) \ 63 \\ \underline{3 \ ) \ 21} \\ \quad 7 \end{array} \qquad \textcircled{4} \quad \begin{array}{r} 2 \ ) \ 180 \\ \underline{2 \ ) \ 90} \\ \quad 3 \ ) \ 45 \\ \quad \underline{3 \ ) \ 15} \\ \quad \quad 5 \end{array}$$

$$\underline{3^2 \times 7} \qquad \underline{2^2 \times 3^2 \times 5}$$

$$\boxed{5} \quad \begin{array}{r} 2 \ ) \ 576 \\ \underline{2 \ ) \ 288} \\ \quad 2 \ ) \ 144 \\ \quad \underline{2 \ ) \ 72} \\ \quad \quad 2 \ ) \ 36 \\ \quad \quad \underline{2 \ ) \ 18} \\ \quad \quad \quad 3 \ ) \ 9 \\ \quad \quad \quad \quad 3 \end{array} \qquad \begin{array}{l} 576 = 2^6 \times 3^2 \\ = (2^3 \times 3)^2 \\ = 24^2 \end{array}$$

$$\underline{24 \text{ の平方}}$$