

素因数分解

____年 ____組 名前

/20

■ 次の整数を素因数分解したとき、にあてはまる数を答えなさい。

$$\textcircled{1} 49 = \square \square$$

$$\textcircled{2} 84 = 2 \square \times 3 \times \square$$

$$\textcircled{3} 96 = 2 \square \times \square$$

$$\textcircled{4} 144 = 2 \square \times 3 \square$$

$$\textcircled{5} 216 = 2 \square \times 3 \square$$

$$\textcircled{6} 220 = 2 \square \times 5 \times \square$$

$$\textcircled{7} 296 = 2 \square \times \square$$

$$\textcircled{8} 333 = 3 \square \times \square$$

$$\textcircled{9} 375 = 3 \times 5 \square$$

$$\textcircled{10} 408 = 2 \square \times 3 \times \square$$

$$\textcircled{11} 441 = 3 \square \times 7 \square$$

$$\textcircled{12} 448 = 2 \square \times \square$$

$$\textcircled{13} 490 = 2 \times 5 \times 7 \square$$

$$\textcircled{14} 512 = \square \square$$

$$\textcircled{15} 539 = 7 \square \times \square$$

$$\textcircled{16} 576 = 2 \square \times 3 \square$$

$$\textcircled{17} 640 = 2 \square \times \square$$

$$\textcircled{18} 832 = 2 \square \times \square$$

$$\textcircled{19} 833 = 7 \square \times \square$$

$$\textcircled{20} 940 = 2 \square \times 5 \times \square$$

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■ 次の整数を素因数分解したとき、 にあてはまる数を答えなさい。

$$\textcircled{1} 49 = 7^2$$

$$\textcircled{2} 84 = 2^2 \times 3 \times 7$$

$$\textcircled{3} 96 = 2^5 \times 3$$

$$\textcircled{4} 144 = 2^4 \times 3^2$$

$$\textcircled{5} 216 = 2^3 \times 3^3$$

$$\textcircled{6} 220 = 2^2 \times 5 \times 11$$

$$\textcircled{7} 296 = 2^3 \times 37$$

$$\textcircled{8} 333 = 3^2 \times 37$$

$$\textcircled{9} 375 = 3 \times 5^3$$

$$\textcircled{10} 408 = 2^3 \times 3 \times 17$$

$$\textcircled{11} 441 = 3^2 \times 7^2$$

$$\textcircled{12} 448 = 2^6 \times 7$$

$$\textcircled{13} 490 = 2 \times 5 \times 7^2$$

$$\textcircled{14} 512 = 2^9$$

$$\textcircled{15} 539 = 7^2 \times 11$$

$$\textcircled{16} 576 = 2^6 \times 3^2$$

$$\textcircled{17} 640 = 2^7 \times 5$$

$$\textcircled{18} 832 = 2^6 \times 13$$

$$\textcircled{19} 833 = 7^2 \times 17$$

$$\textcircled{20} 940 = 2^2 \times 5 \times 47$$