

Name: _____

Why Did the Horse Eat With Its Mouth Open?



Write the prime factorization for each number. Find your answer in the adjacent answer list. Write the letter of the answer in each box containing the number of the exercise.

<p>① 12</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>② 20</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>③ 35</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>U $2 \times 3 \times 5$</p> <p>B $2^2 \times 3$</p> <p>E 5×7</p> <p>G $2^2 \times 7$</p> <p>H $2^2 \times 5$</p>
<p>④ 36</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>⑤ 75</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>⑥ 99</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>D 3×5^2</p> <p>J 2×3^2</p> <p>M $3^2 \times 11$</p> <p>R $2^2 \times 3^2$</p> <p>F $2 \times 5 \times 11$</p>
<p>⑦ 60</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>⑧ 56</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>⑨ 26</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>K 23×5</p> <p>I 2×13</p> <p>C $2 \times 5 \times 7$</p> <p>L $2^3 \times 7$</p> <p>S $2^2 \times 3 \times 5$</p>
<p>⑩ 81</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>⑪ 100</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>⑫ 90</p> $\begin{array}{c} \diagup \quad \diagdown \\ \end{array}$	<p>A $2^2 \times 5^2$</p> <p>O 2×3^3</p> <p>N 3^4</p> <p>T $2 \times 3^2 \times 5$</p> <p>P $2^3 \times 3 \times 5$</p>
<p>9 12 2 11 5 1 11 5 7 12 11 1 8 3 6 11 10 10 3 4 7</p>			