Two or more ones X67345_en

Design a circuit that receives four inputs and produces one output. The output must be 1 when there are two or more inputs at 1. Otherwise, the output must be 0.

Specification

> **module** *two_or_more_ones*(*a*, *b*, *c*, *d*, *out*);
>   **input** *a*, *b*, *c*, *d*;
>   **output** *out*;

Input

- *a*, *b*, *c* and *d* are the four inputs.

Output

- *out* is the output.

Problem information

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