



MATCHLESS

$$2x + 3y - 20$$

$$5x - 2y + 38$$

$$4x + 5y - 72$$

$$x - 4y + 108$$

$$3x - y + 39$$

Find values of x and y for which these five expressions all have the same value.

Do you have exactly the right amount of information or more information than you need?

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HELP

What happens if you take just two of the expressions?

NEXT

Make up a similar activity of your own?

Or, a bit more challenging, can you create an activity with an 'odd one out', that is where four expressions are equal for some specific x, y pair and there is one expression which does not equal the other four?