Scratch 30

Choose any 4 one-digit numbers :

* Use 2, 3, or 4 of these numbers with any operations to find an answer of 1-30.
* You cannot use a number more than once per expression.
* The numbers chosen from your 4 digit number do not need to be used in order.
* You cannot use an operation (+, -, x, ÷) more than once per expression.
* **Goal:** To eliminate all 30 numbers.

1 2 3 4 5 6 7 8 9 10

11 12 13 14 15 16 17 18 19 20

21 22 23 24 25 26 27 28 29 30

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| Example: 5 8 2 7  8 – 5 + 7 ÷ 2 = 5 🡪cross off 5 7 + 5 – 8 ÷ 2 = 2 🡪cross off 2  8 – 7 = 1 🡪cross off 1 8 x 7 ÷ 2 = 28 🡪cross off 28  2 x 7 – 5 = 11 🡪cross off 11 5 x 2 + 7 = 17 🡪cross off 17  7 x 2 + 8 = 22 🡪cross off 22 5 x 2 + 8 = 18 🡪cross off 18  Continue until you cross out all 30 numbers or until you cannot go any further.  ~~1~~ ~~2~~ 3 4 ~~5~~ 6 7 8 9 10  ~~11~~ 12 13 14 15 16 ~~17~~ ~~18~~ 19 20  21 ~~22~~ 23 24 25 26 27 ~~28~~ 29 30 |