## M@ఝగs Mastery Negative Numbers

## Counting Negatively

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Work with a partner. Challenge your partner by asking them to count by giving:

## Starting number

## Step <br> Direction

e.g. Count in 2's, from 5, backwards:

$$
5,3,1,-1,-3,-5,-7 \ldots . .
$$

A good challenge is one where your partner gets most correct, but may need to really think.

## True or False

Giving reasons, explain whether the following are true or false:

## True

False - the answer is
5. The answer goes through 0 , so +7 to 0 , and +5 more to 5 .

False - the answer is 12. The answer goes through 0, so +4 to 0 , and +12 more to 12 .

False - the answer is $24^{\circ} \mathrm{C}$. The answer goes through 0, so -7 to 0 is 7 , and 0 to 17 is 17 . $7+17=24$.

Create your own similar questions for a partner.

## Order it

Order the following numbers from smallest to largest:

1. $-24,-23,-12,-2,13,14,34,41$
2. $-12^{\circ} \mathrm{C},-9{ }^{\circ} \mathrm{C},-7^{\circ} \mathrm{C},-5^{\circ} \mathrm{C}, 0^{\circ} \mathrm{C}, 3^{\circ} \mathrm{C}, 9^{\circ} \mathrm{C}$
3. $-59,-23,-12,-1,28,45,67,78$

Write some positive and negative numbers for a partner to order.


