6.NS Jumping Flea

Task

A flea is jumping around on the number line.

a. If he starts at 1 and jumps 3 units to the right, then where is he on the number line? How far away from zero is he?

b. If he starts at 1 and jumps 3 units to the left, then where is he on the number line? How far away from zero is he?

c. If the flea starts at 0 and jumps 5 units away, where might he have landed?

d. If the flea jumps 2 units and lands at zero, where might he have started?

e. The absolute value of a number is the distance it is from zero. The absolute value of the flea’s location is 4 and he is to the left of zero. Where is he on the number line?