Katrina wrote the following set of instructions for Cecil:

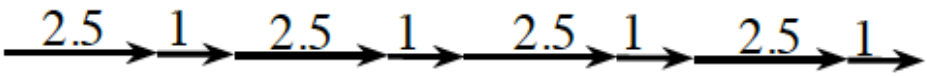
$$4 \cdot 2.5 + 1$$

11

Draw a **diagram** of Cecil's movements and show how far he will move.

$$4 \cdot 2.5 + 1$$

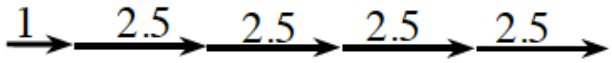
Katrina drew the diagram below. How was she thinking about Cecil's moves?



Write an expression for her diagram.

$$4(2.5+1)$$

Cecil changed Katrina's set of instructions so that the length of 1 foot came first, as shown in the diagram. Write an expression to represent this new diagram. How far does Cecil move here?



$$1 + 4 \cdot 2.5 = 11$$

Same as $4 \cdot 2.5 + 1$

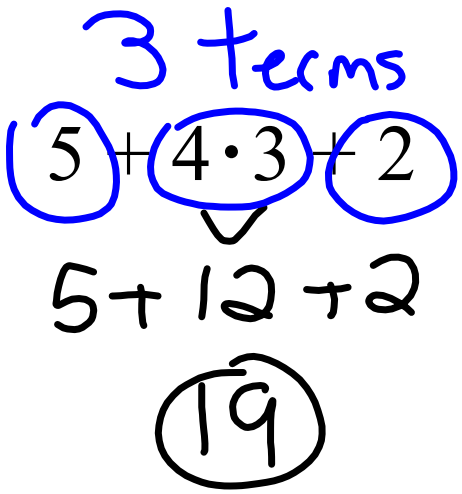
Order of Operations

G Grouping Symbols [ ] ( ) Fraction Bar $\frac{(3+1)}{(1+1)}$

E Exponents

MD

AS



How many terms in the expression? 3 terms

Terms are separated by + or -