4.NBT.5   Multiplication problem solving

I can multiply multi-digit numbers: in word problems

LINGO

multi-step word problem
A word problem that includes two or more steps to solve for the final answer.

Order of Operations
Rule to follow to solve problems in a specific order

P	( )	Parentheses
E	x^2	Exponents
M or D	× ÷	Multiplication and Division
A or S	+ −	Addition and Subtraction

HOW

STEP 1   43 x 6 − 4 x 38

258   152

STEP 2   258 - 152

Final answer _____

First, multiply.
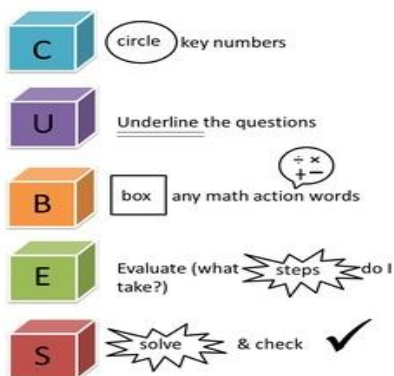
Then, subtract.

PRACTICE

78 x 6 + 126 − 3 x 148   156 + 249 x 3 − 6 x 78   56 + 39 x 4 x 3

HOW

C	circle key numbers
U	Underline the questions
B	box any math action words
E	Evaluate (what steps do I take?)
S	solve & check ✔
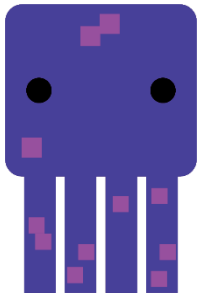
PRACTICE

Juan has 38 baseball cards in his collection. Evan has 6 times as many cards as Juan in his collection.

How many baseball cards does Evan have in his collection?

Final answer_____

James is raising money for charity. He collects $78 in week 1.
He collects 3 times as much money in week 2 as he did in week 1.
He collects $92 in week 3.
He concludes that he has raised a total of $326.

Is James's answer reasonable? Explain.

Final answer_____

Maria does 18 sit-ups. Natalie does 5 times as many sit-ups as Maria. Natalie concludes that she has done 72 more sit-ups than Maria.

Is Natalie's answer reasonable? Explain.

Final answer_____

On Wednesday, 538 people attend a play. Three times as many people attend the play on Saturday as did on Wednesday.
Let n represent how many more people attend the play on Saturday than on Wednesday.

Final answer_____