Write the equation that represent the word problems listed below.　　Problem 1

Karen is riding laps in the park on her bicycle. She starts by riding 3 laps clockwise. Then Karen rides 4 laps counter-clockwise. Finally, she rides clockwise for 2 times as many laps as she did the first time. Write a numerical expression to represent this situation.

Mary goes to the bookstore with 2 friends. Each person buys 2 books and 1 magazine. Write an expression to represent the total number of items purchased.

_____　　_____

Draw a line under the equation that represent the problems listed below.   Problem 2

Divide 12 by 4 then add 7

a. 12 / 4 + 7

b. 4 - 12 + 7

c. 12 (4 +7)

d. 4 - 12+7

Subtract 6 from 16 then multiply by 6

a. (16 - 6) x 6

b. 16 - (6x6)

c. (6 - 16) 6

d. (6 - 6) 16

Write simple expressions that record calculations with numbers and interpret numberical expressions without evaluating them.　　Problem 3

Write each phrase as a numerical expression

Brenda is collecting seashells on the beach. She already has 15 seashells in her collection. She gives 5 seashells to a friend. Brenda collects twice as many seashells as she originally had collected. Represent this situation with a numerical expression.

Tim is picking strawberries in his garden. He picks 15 strawberries. Tim notices that 6 of these strawberries are bad and he throws them away. His friend gives him a basket of strawberries so that he now has 4 times as many strawberries. Represent this situation with a numerical expression.

_____　　_____

Write simple expressions that record calculations with numbers and interpret numberical expressions without evaluating them.　　Problem 4

Write each phrase as a numerical expression

EXPRESSION 1

(9 + 7 + 4) 8

EXPRESSION 2

9 + 7 + 4

both expressions contain the same sum

Write the sum _____

In Expression 1, the sum is multiplied by _____

Expression 1 is _____ times as large as Expression 2

Draw a line under the correct answer below

$2(4 + 2) + (8 - 6)$

a. 10　　　　b. 14

c. 12　　　　d. 28