TOPIC 10 TEST

1.

Which expression can be used to represent the phrase "three times the amount of money"?

A $3 + m$

B $3 - m$

C $3 \times m$

D $3 \div m$

2.

If Lisa travels an average of 65 miles per hour for 8 hours, she will travel 8×65 miles. Which of the following is **NOT** equal to 8×65?

A $(8 + 60) \times (8 + 5)$

B $(60 \times 8) + (5 \times 8)$

C $(8 \times 60) + (8 \times 5)$

D $(8 \times 50) + (8 \times 15)$

3.

Ryan had 18 more shots on goal during the soccer season than Peyton, who had 36. Charlie had a third of the number of shots on goal that Ryan had. Two of Charlie's shots on goal went out of bounds. What is the value of the expression for Charlie's shots, $(36 + 18) \div 3 - 2$?

A 9

B 16

C 40

D 54

4.

There are 24 dancers in Joy's recital. If n represents the number of dancers who leave the stage, and $24 - n$ represents the number of dancers remaining, what is the value of the expression if 9 dancers leave the stage?

A 9

B 15

C 33

D 16

5.

What is the first step in evaluating the expression shown below?

$8 - 7 + 12 \div (3 + 1)$

A Add 3 and 1.

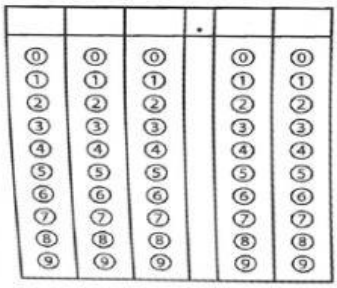
B Divide 12 by 3.

C Add 7 and 12.

D Subtract 7 from 8.

6.

The cost for n students to attend a workshop is $7n + 12$ dollars. What is the cost, in dollars, for 6 students to attend?



7.

Math books are being shipped to a school in cartons. The school ordered 56 books. How many cartons will the school receive when the number of books, b, is 56?

Number of Books (b)	14	28	42	56
Number of Cartons	1	2	3	

A 3 cartons

B 4 cartons

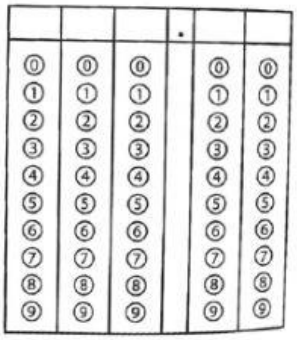
C 5 cartons

D 6 cartons

LIVEWORKSHEETS

8.

. Janice wrote the following expression. What is the value of the expression?
$6 + (13 - 1) \div 4 + 2$



9.

. Which expression represents the phrase "n students separated into equal groups of 6?"

A $n - 6$

B $n \div 6$

C $6 \times n$

D Not here

10.

. Nick wrote the expression $[7 + (3 \times 4)] - 2$. What is the value of this expression?

A 38

B 20

C 17

D 12

11.

$6 \times (24 - 4) + 8 \div 2$

. Which step do you perform first in evaluating this expression?

A Add 4 and 8.

B Divide 8 by 2.

C Multiply 6 by 24.

D Subtract 4 from 24.

12.

$6 \times (24 - 4) + 8 \div 2$

. Which is the value of the expression?

A 32

B 64

C 74

D 124

13.

. Which expression gives the rule for the table to find the discount price when the regular price is p?

	Small	Medium	Large	X-large
Sweater Price (p)	$28	$32	$45	$52
After Discount	$19	$23	$36	

A $p + 9$

B $p - 9$

C $p \times 19$

D $p \div 19$

14.

When you are looking for a total will you

A. Add
B. Subract
C. Add or Multiply
D. Multiply
E. Divide
F. Subtract or Divide

15.

When you know a total will you

A. Subtract
B. Divide
C. Subtract or Divide
D. Multiply
E. Add
F. Add or Multiply

LIVEWORKSHEETS