

Unit 2 Mid-Unit Assessment**Form A****Solve the problems.**

- 1** Linda puts 32 cupcakes into containers. She puts the same number of cupcakes into each container. Which list shows all of the possible numbers of cupcakes that Linda can put into each container?

- (A) 1, 2, 4 (B) 1, 2, 16, 32
(C) 1, 2, 4, 8, 16, 32 (D) 4, 8, 16, 32

- 2** Decide if each number is prime or composite. Choose *Prime* or *Composite* for each number.

	Prime	Composite
10	(A)	(B)
7	(C)	(D)
21	(E)	(F)
37	(G)	(H)
2	(I)	(J)
18	(K)	(L)

- 3** Which comparisons describe the equation $8 \times 4 = 32$?
Choose all the correct answers.

- (A) 32 is 4 times as many as 8.
(B) 4 times as many as 32 is 8.
(C) 8 is 4 times as many as 32.
(D) 32 is 8 times as many as 4.
(E) 8 times as many as 4 is 32.



Unit 2 Mid-Unit Assessment *continued***Form A**

- 4** Which problems can be solved using the equation $6 \times 4 = n$?
Choose all the correct answers.
- Ⓐ Maria walks 4 times as many blocks as Mark walks. Mark walks 6 blocks. How many blocks, n , does Maria walk?
 - Ⓑ Mr. Alvarez donates 6 boxes of books and 4 boxes of CDs to the library. How many boxes of materials, n , does Mr. Alvarez donate?
 - Ⓒ Owen eats 6 pancakes for breakfast. Liam eats 4 fewer pancakes than Owen. How many pancakes, n , does Liam eat?
 - Ⓓ Brianne spends \$6 at the fair. Her sister spends 4 times as much as Brianne does at the fair. How much does Brianne's sister spend, n , at the fair?
 - Ⓔ Alex has 4 more pencils than Susan has. Alex has 6 pencils. How many pencils, n , does Susan have?
- 5** Vildia arranges cards for a game into 3 rows of 12 cards. What are two other ways she can arrange the cards so that there are the same number of cards in each row? Show your work.

Solution _____

