

# Unit 3

# Show What You Know

## LESSON

Use any materials when they help.

1

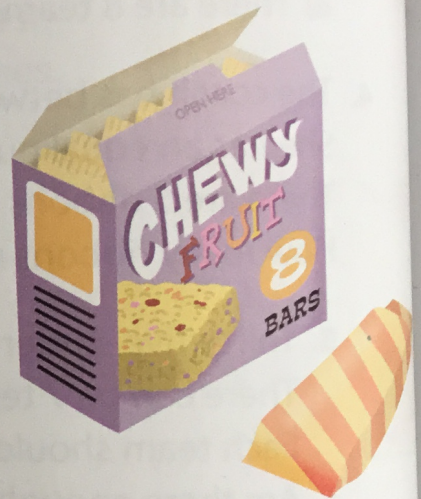
1. Multiply. What strategies did you use?
- a)  $3 \times 2$                       b)  $3 \times 4$                       c)  $3 \times 8$   
d)  $2 \times 6$                       e)  $4 \times 6$                       f)  $8 \times 6$

2  
4

2. Multiply. What strategies did you use?
- a)  $5 \times 8$                       b)  $1 \times 8$                       c)  $9 \times 0$   
e)  $9 \times 9$                       f)  $8 \times 10$                       g)  $8 \times 9$                       d)  $7 \times 8$   
h)  $4 \times 8$

3

3. There are 8 cereal bars in a box.
- a) How many bars are in 2 boxes?  
b) How many bars are in 4 boxes?  
c) How many bars are in 8 boxes?
- How could you use one answer to get the next?



4. Copy this chart. Fill in the missing numbers.  
Describe each skip counting pattern.

$\times$	4	5	6	7	8	9
4	16	20				
5		25		35		
6			36			54

5

5. Ali knows that  $7 \times 6 = 42$ .  
How can he use this fact to find  $7 \times 7$  and  $7 \times 8$ ?

6. The answer to a multiplication question is 24.  
What might the question be?  
Write as many multiplication facts as you can.

7. Use words, numbers, or pictures to explain your thinking.
- a) How might you use  $4 \times 7$  to find  $8 \times 7$ ?  
b) How might you use  $5 \times 5$  to find  $5 \times 6$ ?  
c) How might you use  $3 \times 10$  to find  $3 \times 9$ ?