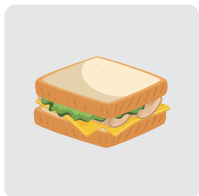**Learning Objective:** To use mental and informal strategies for multiplication
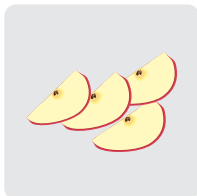
Complete your vertical algorithm. You may need to trade.
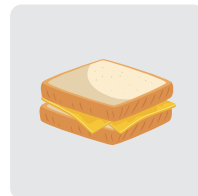
Water
$2

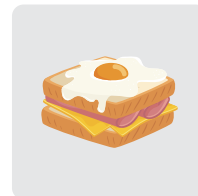Chicken sandwich
$6

Apple slices
$3

Cheese sandwich
$4

Egg sandwich
$5

Lunch order	Cost
12 × water	
10 × chicken sandwich	
4 × cheese sandwich	
5 × egg sandwich	
Total:	

Lunch order	Cost
9 × water	
7 × chicken sandwich	
5 × cheese sandwich	
6 × apple slices	
Total:	

Lunch order	Cost
8 × apple slices	
8 × egg sandwich	
4 × cheese sandwich	
5 × chicken sandwich	
Total:	

Complete the questions below.

I bought 5 greeting cards costing $3. How much did I spend in total?

I ran 4 km every day for 7 days. How far did I run in total?

Complete the table below.

Multiplication	Answer
3 × 4	
3 × 9	
3 × 7	

Complete the table below.

Multiplication	Answer
4 × 8	
4 × 11	
4 × 6	

Complete the table below.

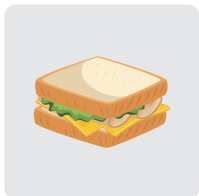| Multiplication	Answer
6 × 6	
6 × 4	
6 × 8	

Learning Objective: To use mental and informal strategies for multiplication
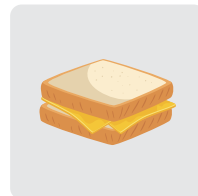
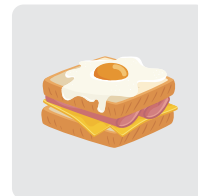Complete your vertical algorithm. You may need to trade.

Water $2	Chicken sandwich $6	Apple slices $3	Cheese sandwich $4	Egg sandwich $5
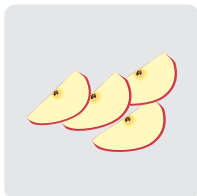
Lunch order	Cost
12 × water	$24
10 × chicken sandwich	$60
4 × cheese sandwich	$16
5 × egg sandwich	$25
Total:	$125

Lunch order	Cost
9 × water	$18
7 × chicken sandwich	$42
5 × cheese sandwich	$20
6 × apple slices	$18
Total:	$98

Lunch order	Cost
8 × apple slices	$24
8 × egg sandwich	$40
4 × cheese sandwich	$16
5 × chicken sandwich	$30
Total:	$110

Complete the questions below.

I bought 5 greeting cards costing $3. How much did I spend in total?

$$5 \times \$3 = \$15$$

I ran 4 km every day for 7 days. How far did I run in total?

$$4 \text{ km} \times 7 = 28 \text{ km}$$

Complete the table below.

Multiplication	Answer
3 × 4	12
3 × 9	27
3 × 7	21

Complete the table below.

Multiplication	Answer
4 × 8	32
4 × 11	44
4 × 6	24

Complete the table below.

Multiplication	Answer
6 × 6	36
6 × 4	24
6 × 8	48