G1-M2-Lesson 21

Oscar and Jayla both solved the word problems.
Write the strategy used under their work.
Check their work. If incorrect, solve correctly.
If solved correctly, solve using a different strategy.

Strategies:

- Take from 10
- Make 10
- Count on
- I just knew

There were 16 granola bars in the oven. 7 of them had nuts.
The rest were nut free. How many granola bars were nut free?

Jayla used a good strategy, but she didn't start at the correct number 7. She should have counted on 3 to get to 10 (see below).

Oscar's Work

$$3 + 6 = 9$$

Jayla's Work

$$8 \xrightarrow{+2} 10 \xrightarrow{+6} 16$$

$$2 + 6 = 8$$

Oscar is correct! He drew the total, 16, in 5-group rows. Then, he crossed out 7. Look, there are 3 and 6 more left!

Lesson 21:   Share and critique peer solution strategies for *take from with result unknown* and *take apart with addend unknown* word problems from the teens.

EUREKA MATH

a. Strategy: _Take from 10_

$$16 - 7 = 9$$
$$7 + 3 = 10$$
$$10 + 6 = 16$$
$$3 + 6 = 9$$

> The make 10 strategy can be used to solve too. 7 needs 3 to make 10. 10 needs 6 to make 16.
> $3 + 6 = 9$

b. Strategy: _Count on_

$$+3 \qquad +6$$
$$7 \qquad 10 \qquad 16$$
$$3 + 6 = 9$$