

Lesson 18 Objective: Apply and explain alternate methods for subtracting from multiples of 100 and from numbers with zero in the tens place.

Name _____

Date _____

1. Use the arrow way and counting on to solve.

a. $300 - 247$

b. $600 - 465$

2. Solve vertically, and draw a place value chart and chips. Rename in one step.

a. $507 - 359$

b. $708 - 529$

3. Choose a strategy to solve, and explain why you chose that strategy.

a. $600 - 437$

Explanation:

b. $808 - 597$	Explanation:
----------------	--------------

4. Prove the student's strategy by solving both problems to check that their solutions are the same. Explain to your partner why this way works.

$799 - 542$
 $= 800 - 543$
 Now I don't have to change for smaller units.

800
 $- 543$

799
 $- 542$

5. Use the simplifying strategy from Problem 4 to solve the following two problems.

a. $600 - 547$	b. $700 - 513$
----------------	----------------

Name _____ Date _____

Choose a strategy to solve, and explain why you chose that strategy.

1. $400 - 265$	Explanation:
2. $507 - 198$	Explanation:

Name _____

Date _____

1. Use the arrow way and counting on to solve.

a. $700 - 462$	b. $900 - 232$
----------------	----------------

2. Solve vertically, and draw a place value chart and chips. Rename in one step.

a. $907 - 467$	b. $803 - 667$
----------------	----------------

3. Choose a strategy to solve, and explain why you chose that strategy.

a. $700 - 390$	Explanation:
b. $919 - 657$	Explanation:

--	--

4. Explain why $300 - 186$ is the same as $299 - 185$.

Explanation:

5. Solve $500 - 278$ using the simplifying strategy from Problem 4.

Solution: