

NUMBER: ADDITION AND SUBTRACTION

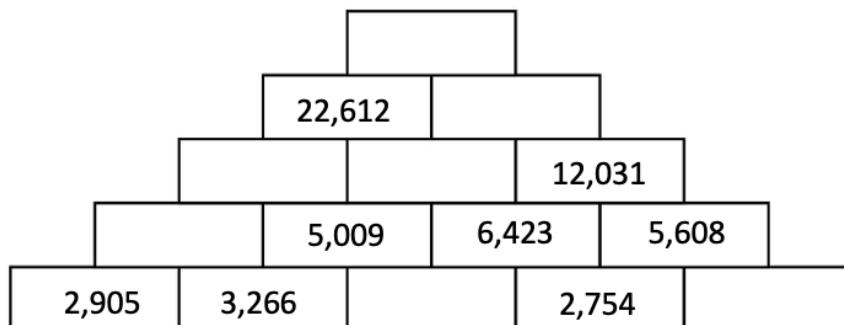
NC. Objective: To solve addition and subtraction multi-step problems using formal written methods.

1. The palace staff collected 38,742 apples from the gardens. They sent 12,859 apples to Bohemia. Later, 9,476 apples were spoiled by the frost.

How many apples remained?



2. In the number pyramid, each number is the sum of the two numbers below it. Use addition and subtraction to complete this pyramid.



3. The cooks prepared 24,685 loaves of bread for the Winter Feast. Later, they baked 13,497 more loaves. During the feast, 18,926 loaves were eaten.

How many loaves did they have left over?



4. Camillo packed 46,320 coins. He spent 18,745 coins on the journey. He found 7,890 coins along the road. Finally, he gave the shepherd 12,480 coins.

How many coins did Camillo have left?



5. The shepherd stored 52,784 logs of firewood. King Leontes gave him 19,256 more logs. During the storm, 34,918 logs were burned. After the storm, the villagers delivered 8,475 more logs to be stored.

How many logs does the shepherd now have stored?



6. Hermione wrote some calculations in her notebook in code. Solve the code and find the missing values.

$$\diamond + \circ = 84$$

$$\diamond + \diamond + \circ = 125$$

$$\diamond = ?$$

$$\circ = ?$$

7. During the winter, King Leontes spent many long hours thinking about Polixenes.

On Saturday, he spent 52,652 minutes thinking about him.

On Sunday he spent 11,300 more minutes than on Saturday.

Later, Leontes said:



“I have spent over one hundred thousand minutes thinking about Polixenes over the weekend.”

Do you agree with him? Explain your answer clearly.

Challenge:

Have a go at writing your own word problem linked to The Winter’s Tale:
