

Bronze

1a. $11,413$

2a. False. The correct answer is 24,231.

3a. The answer is 25,111, so $67,582 - 42,471 < 25,112$.

4a. C. 13,122

1b. $36,459 - 14,342 = 22,117$

2b. $24,356 - 11,242 = 13,114$

3b. Tia is incorrect. She has added the hundreds and thousands columns instead of subtracting. She has also subtracted the ten thousands column incorrectly. The correct answer should be 34,126.

Silver

5a. $20,756$

6a. False. The correct answer is 75,908.

7a. The answer is 32,431, so $51,605 - 19,174 = 32,431$.

8a. C. 50,834

4b. $48,527 - 24,193 = 24,334$

5b. $48,356 - 19,281 = 29,075$

6b. Leah is incorrect. She has subtracted the tens and thousands columns incorrectly. She has also forgotten to change the 5 to a 4 in the ten thousands column after exchanging. The correct answer should be 28,424.

Gold

9a. 17,414

10a. False. The correct answer is 31,492.

11a. The answer is 25,397, so $70,018 - 44,621 > 25,396$.

12a. B. nine hundred and twenty-five ones

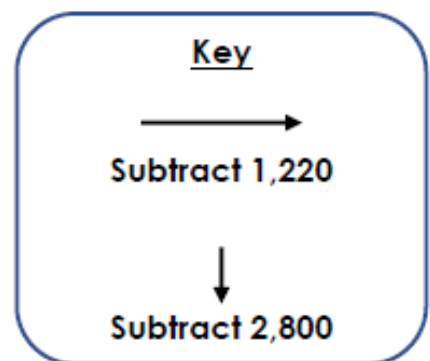
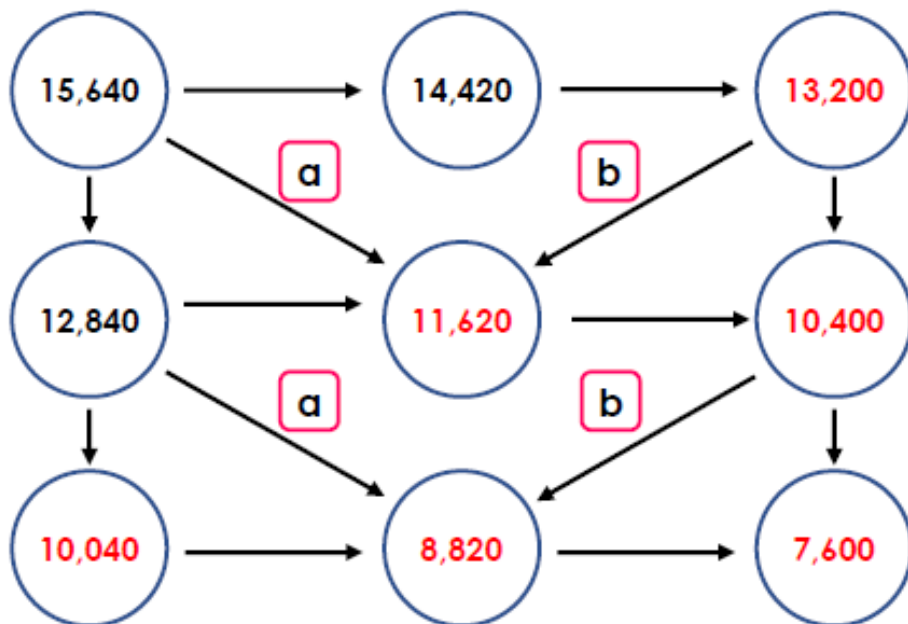
7b. $30,402 - 17,650 = 12,752$

8b. $71,300 - 28,602 = 42,698$

9b. Ava is incorrect. She has subtracted the ones and tens columns incorrectly. The correct answer should be 20,254.

Challenge

1. Complete the puzzle using the instructions below.



What number do **a** and **b** subtract?

a subtracts 4,020 and **b** subtracts 1,580.

2. Choose a number card from below to fill in the empty box and complete the calculation.

5 of the 8 number cards below will have a 0 in the tens column when subtracted from 25,574. For example:

$$\boxed{25,574} - \boxed{8,572} = \underline{\underline{17,002}}$$

8,572

14,593

2,573

15,582

12,570

19,571

13,571

2,589

Your answer must have a zero in the tens column. Explore all possible answers.