

Discussion Problems

Step 2: Subtract More Than 4-Digits

National Curriculum Objectives:

Mathematics Year 5: (5C2) [Add and subtract whole numbers with more than 4 digits, including using formal written methods \(columnar addition and subtraction\)](#)

About this resource:

This resource has been designed for pupils who understand the concepts within [this step](#). It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

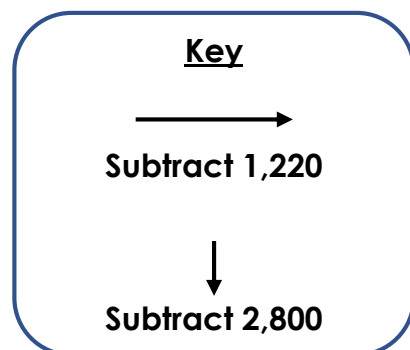
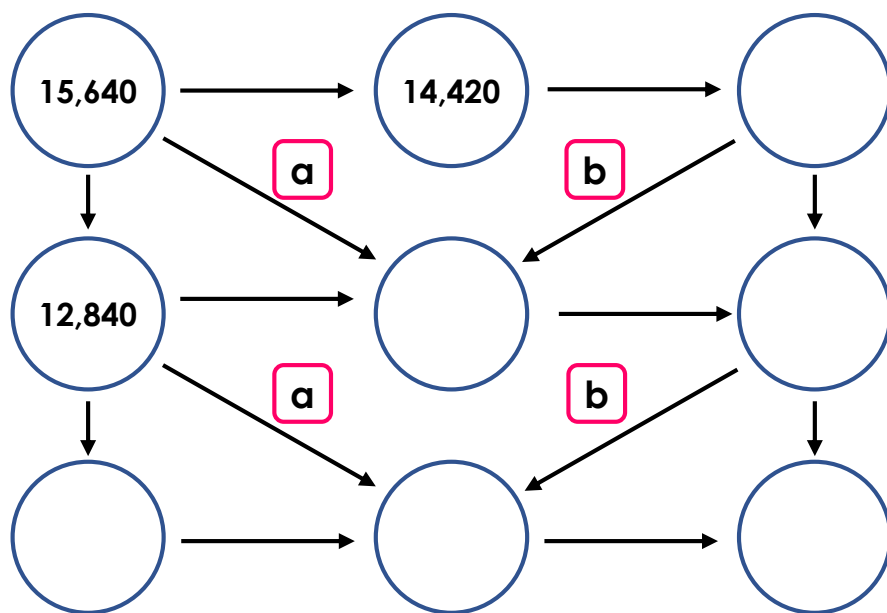
We recommend self or peer marking using the answer page provided to promote discussion and self-correction.

More [Year 5 Addition and Subtraction](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Subtract More Than 4-Digits

1. Complete the puzzle using the instructions below.



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

DP

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

25,574

-

=

8,572

14,593

2,573

15,582

12,570

19,571

13,571

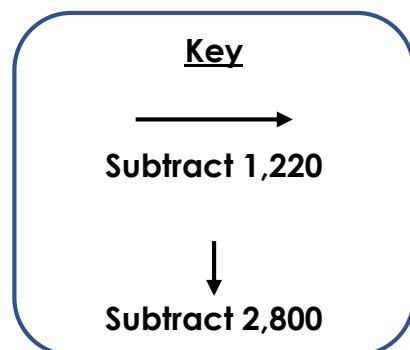
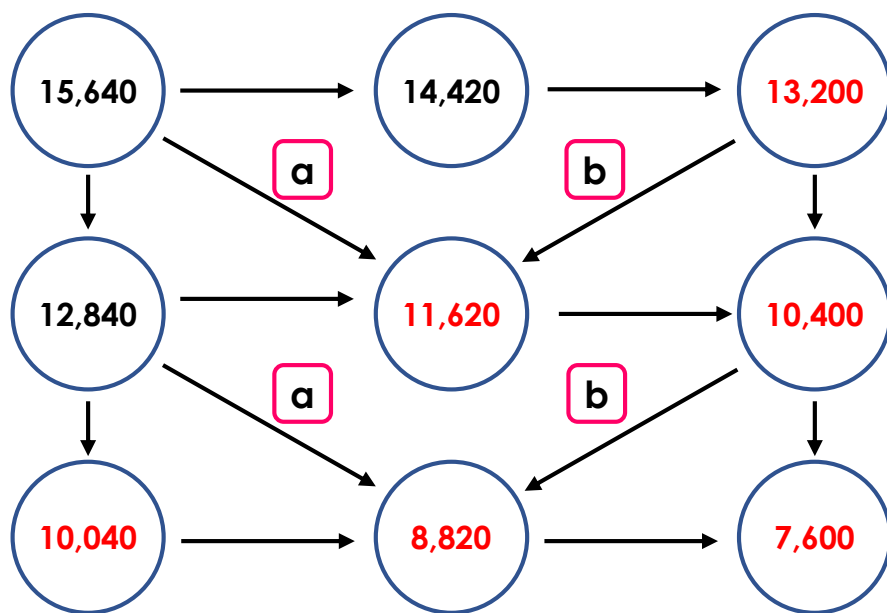
2,589

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

DP

Subtract More Than 4-Digits

1. Complete the puzzle using the instructions below.



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

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

DP

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.

DP