

Lesson 2: Subtracting 2-digit from 3-digit numbers (2)

- Estimate and subtract 2-digit numbers from 3-digit numbers

1 Complete these subtraction calculations by subtracting 20 and adding 1.

a $432 - 19 = \square$ b $567 - 19 = \square$
 c $634 - 19 = \square$ d $724 - 19 = \square$

2 Use a mental calculation strategy to work out the answers.

a $546 - 19 = \square$ b $895 - 29 = \square$
 c $657 - 39 = \square$ d $759 - 49 = \square$
 e $483 - 79 = \square$ f $972 - 59 = \square$

Explain your strategy.

3 Use the expanded written method to work out the answers.

Example: $896 - 38$

	80	16
800	90	6
-	30	8
800	50	8

$800 + 50 + 8 = 858$

a $456 - 28$

-		

b $673 - 48$

-		

c $768 - 58$

-		

d $673 - 68$

-		

e $564 - 27$

-		

4 Use the formal written method to work out the answers. Estimate first.

a $657 - 39$

My estimate is \square

-		

b $673 - 48$

My estimate is \square

-		

c $745 - 39$

My estimate is \square

-		

d $866 - 58$

My estimate is \square

-		

5 Tracie, Jerome, Nancy and Tyrone use the digits 1, 3, 5, 7 and 9 to make a 3-digit subtract 2-digit calculation. All the digits of their calculations are different.

Tracie's calculation has a difference of 958.

Jerome's calculation has a difference of 936.

Nancy's calculation has a difference of 936.

Tyrone's calculation has a difference of 918.

What could their calculations be?

Tracie Jerome

Nancy Tyrone