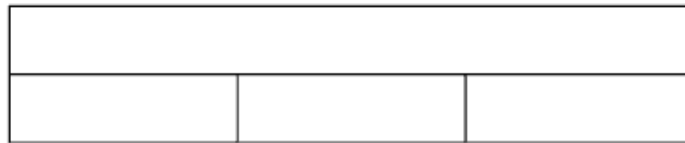
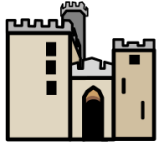


NC. Objective: To add and subtract numbers with up to 4 digits and solve 2-step problems.

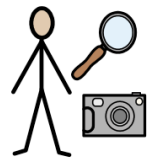
1. There are 5,677 people living in the villages around Elsinore Castle. 1,952 are women, 2,803 are men and the rest are children. Complete the bar model to represent this.



How many children are there?

2. Here is a number.

Thousands	Hundreds	Tens	Ones
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: #00bcd4; color: white; display: flex; align-items: center; justify-content: center; font-size: 8px;">1,000</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: #00bcd4; color: white; display: flex; align-items: center; justify-content: center; font-size: 8px;">1,000</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: #00bcd4; color: white; display: flex; align-items: center; justify-content: center; font-size: 8px;">1,000</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: #00bcd4; color: white; display: flex; align-items: center; justify-content: center; font-size: 8px;">1,000</div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: #9c27b0; color: white; display: flex; align-items: center; justify-content: center; font-size: 8px;">100</div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: #9c27b0; color: white; display: flex; align-items: center; justify-content: center; font-size: 8px;">100</div> </div> <div style="margin-top: 5px;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: #9c27b0; color: white; display: flex; align-items: center; justify-content: center; font-size: 8px;">100</div> </div>	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; background-color: #fff176; color: black; display: flex; align-items: center; justify-content: center; font-size: 8px;">10</div>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #e91e63; color: white; display: flex; align-items: center; justify-content: center; font-size: 6px;">1</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #e91e63; color: white; display: flex; align-items: center; justify-content: center; font-size: 6px;">1</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #e91e63; color: white; display: flex; align-items: center; justify-content: center; font-size: 6px;">1</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #e91e63; color: white; display: flex; align-items: center; justify-content: center; font-size: 6px;">1</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #e91e63; color: white; display: flex; align-items: center; justify-content: center; font-size: 6px;">1</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #e91e63; color: white; display: flex; align-items: center; justify-content: center; font-size: 6px;">1</div> </div>



Subtract 4 ones. → Add 3 thousands. → Subtract 2 hundreds.

What is the new number?

3. Hamlet was using his notebook to revise addition. He got stuck on the questions below. Help him by filling in the gaps. Use your knowledge of place value to help you.



$$813 + 496 = 496 + \underline{\quad}$$

$$619 + 224 = 620 + \underline{\quad}$$

$$2,379 + 4,412 = 3,379 + \underline{\quad}$$

4. 4 members of the troop of travelling players collected money at the door from the audience. Below are the amounts they collected:

Player A: £2,304

Player B: £92 less than Player A

Player C: £1,423

Player D: £121 more than Player C



How much did Player A and Player C collect altogether?

What is the difference between what Player A and Player C collected?

How much did Player C and Player D collect altogether?

5. When Horatio and Hamlet spotted the ghost of Hamlet's father, Horatio ran away but Hamlet ran straight ahead. Hamlet ran a total of 2,278 steps. Horatio ran 599 fewer steps than Hamlet.



How many steps did they run altogether?

Challenge:

Have a go at writing your own Hamlet word problem:
