The children at Twinkl Academy are having a 'Going for Goals' focus week. They are setting themselves goals to aim for.
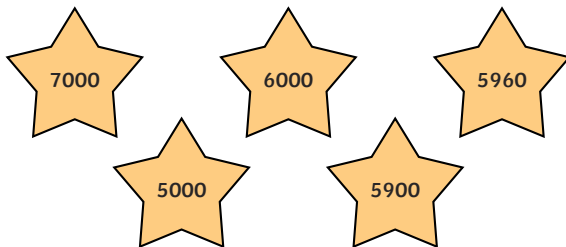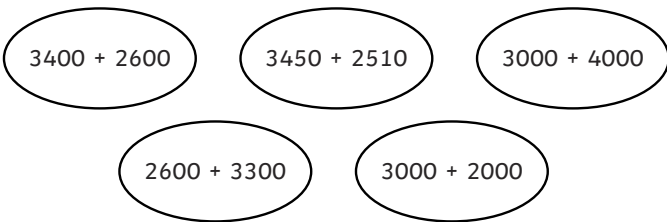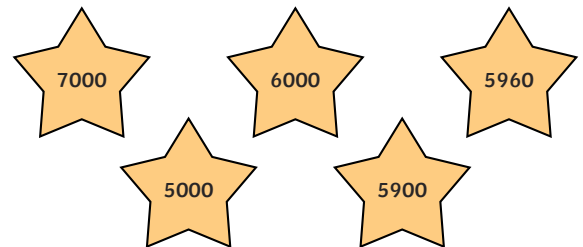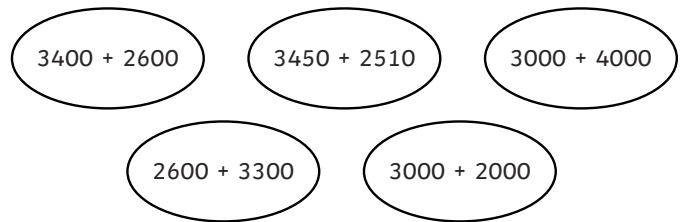
1) The first challenge was the daily reading challenge.

The table below shows the number of pages each class read from Monday to Wednesday. The number of pages read have been rounded to the nearest 100 to find an estimated answer. Fill in the missing information in the table.

Class	Monday	Tuesday	Wednesday	Rounded Calculation	Estimated Answer
Ash	567	986	1056		
Maple	855	1209	95		
Oak	__92__	3__5		1900 + 400 + _____	3100

2) During 'Going for Goals' week, the children at Twinkl Academy have been wearing step counters. Look at the totals on each step counter and match them to the correct rounded number sentence and estimated answer.

Day 1 - 3452
Day 2 - 2505

Day 1 - 3378
Day 2 - 2587

Day 1 - 2999
Day 2 - 3969

Day 1 - 2789
Day 2 - 2472

Day 1 - 2559
Day 2 - 3331

3400 + 2600

3450 + 2510

3000 + 4000

2600 + 3300

3000 + 2000

7000

6000

5960

5000

5900

1) During 'Going for Goals' week at Twinkl Academy, the children have been doing daily circuit training to improve their fitness.

Simone has kept track of her scores over the last two days. The teacher has asked the children to use rounding to calculate an estimated total for both days. The estimated totals must be as accurate as possible. Look at Simone's chart below. Do you agree or disagree with how Simone has estimated her totals for each activity? Explain your reasoning.

Simone's Fitness Chart			
Activity	Day 1 Score	Day 2 Score	Estimated Total
Star Jumps	1384	2407	3000
Skipping	3190	3467	6000
Lunges	984	1015	2000

2) The children are completing a 'Going for Goals' maths challenge. Use rounding to the nearest 10, nearest 100 and nearest 1000 to check their work.

Actual Calculation	Rounded Calculations	Correct ✓ Incorrect ×
7506 – 2344 = 5162		
2879 + 6747 = 9626		
5611 + 3462 = 2149		

3) As part of the 'Going for Goals' maths challenge, the children at Twinkl Academy were using rounding to work out estimated answers for their calculations. They had a go at rounding to the nearest 1000, then the nearest 100 and finally the nearest 10.
Look at Jamil's work below. Fill in the missing numbers.

7532 – 2784 = _____

8000 – _____ = _____

_____ – 2800 = _____

_____ – _____ = 4750

1) The children were given a maths problem to solve during 'Going for Goals' week.

   a) Match the children to the correct original calculation.

Child's Name	Matching Original Calculation
Seb	
Ting	
Mabel	
Kyle	
Josephine	

The leftover calculation is

Seb: My calculation, when rounded to the nearest 10, is 1890 + 2710 =

Ting: One of my rounded parts is 1900, and my rounded calculation has an estimated total of 4600.

Mabel: When rounded to the nearest 100, my calculation makes an estimated total of 4700.

Kyle: When rounded to the nearest 1000, my calculation makes an estimated total of 5000.

Josephine: When rounded to the nearest 100, my calculation is _____ + 2000 = 4600.

1896 + 2716 =	2759 + 3891 =	1832 + 2898 =
1885 + 2711 =	2581 + 1995 =	1456 + 3581=

Top tip: firstly round the numbers in each calculation to the nearest 10 and find the answer, then to the nearest 100 and finally to the nearest 1000.

   b) Write a clue for the calculation that has no match.