**(Jack, Reuben, Ruby, Elizabeth, Malachai and Cassie)**

**Time word problems Challenge**

**1.** Alexander climbs up Ska Fell Pike. The climb takes him 3 hours and 33 minutes. He then spends 20 minutes at the top. After this, he climbs down the mountain again, which takes him 1 hour 41 minutes. If he arrives at the bottom of the mountain again at 16:35, at what time did he start his journey up the mountain?

2. Miss Goodman goes snorkelling in the Caribbean. She sets off to the reef at 10:18. The journey to the reef takes her 26 minutes. When she arrives at the reef, she goes snorkelling for 3 hours 43 minutes. At what time does she complete her snorkelling?

3. Whilst on holiday in Egypt, Miss Nicol decides to go on a camel ride. She sets off at 14:36 and her ride goes on for 1 hour and 36 minutes. When does her ride end? If the sun sets at 17:09, how long has she got to get home before the sun sets?

4. Mr Harverson goes on a walk on the Isle of Wight. When he sets off, his watch tells him that it is 10:24. His walk is 2 hours 28 minutes long. However, upon arrival, he finds that his watch is 11 minutes fast. At what time does he really arrive?

5. Mrs Razzell goes on a space walk from the ISS which lasts 2 ¾ hours. She completes her spacewalk at 23:31. If it took her 39 minutes to put on her spacesuit before the walk, at what time did she start to put her suit on before the spacewalk?

**Time word problems Challenge ANSWERS**

1. Alexander climbs up Ska Fell Pike. The climb takes him 3 hours and 33 minutes. He then spends 20 minutes at the top. After this, he climbs down the mountain again, which takes him 1 hour 41 minutes. If he arrives at the bottom of the mountain again at 16:35, at what time did he start his journey up the mountain? Total time = 5hrs 34 mins. Therefore he started climbing at **11:01**.
2. Miss Goodman goes snorkelling in the Caribbean. She sets off to the reef at 10:18. The journey to the reef takes her 26 minutes. When she arrives at the reef, she goes snorkelling for 3 hours 43 minutes. At what time does she complete her snorkelling?

She completes her snorkelling at **14:27**

1. Whilst on holiday in Egypt, Miss Nicol decides to go on a camel ride. She sets off at 14:36 and her ride goes on for 1 hour and 36 minutes. When does her ride end?

If the sun sets at 17:09, how long has she got to get home before the sun sets? **16:12**

**57 minutes**

1. Mr Harverson goes on a walk on the Isle of Wight. When he sets off, his watch tells him that it is 10:24. His walk is 2 hours 28 minutes long. However, upon arrival, he finds that his watch is 11 minutes fast. At what time does he really arrive? **12:41**
2. Mrs Razzell goes on a space walk from the ISS which lasts 2 ¾ hours. She completes her spacewalk at 23:31. If it took her 39 minutes to put on her spacesuit before the walk, at what time did she start to put her suit on before the spacewalk? **20:07**