Year 4 Gold Badge - Complete both tasks and hand this back to your class teacher.

Task 1

Add and subtract fractions with the same denominator PTRC

Claire went shopping on Saturday. She spent $\frac{2}{9}$ of her money on shoes and $\frac{4}{9}$ of her money on a dress.

- What fraction of her money did Claire have left?
- If Claire had £90 to start with, how much did she spend on the shoes and the dress?
- Claire went for a coffee and spent $\frac{1}{10}$ of her remaining money. How much did the coffee cost?
- What fraction of the original money does she have left?

Task 2

Solve problems involving multiplication and division PTRC

In a normal pack of playing cards, there are 52 cards. There are four suits – hearts, diamonds, spades and clubs.

- How many cards are there in each suit?

There are three picture cards in each suit – King, Queen and Jack.

- How many picture cards are there in the pack?

Andrew and Sam played a game with the cards. They pick 5 cards at random form the pack. They score 100 points for each picture card, but lose 10 times the value of each other card they have. In the first round Andrew has Jack, Queen , 2, 7, 3. His score is 200 – 120 = 80.

Here are the cards they chose in the second round.

Andrew	King	7	8	3	Ace
Sam	Queen	Jack	10	5	4

An ace is worth 1 point

- Who won? Explain your answer.