

# Student answers

This task is about explaining how some students made mistakes on a maths problem.

In a maths test Room 6 were given this problem:



**Puawai had 54 trading cards. She gave 18 to her brother.  
How many trading cards does Puawai have left?**

Each student had a different way of working out the problem. Their workings are shown below:

<b>James</b> $54 + 18 = 72$	<b>Sarah</b> $\begin{array}{r} 54 \\ - 18 \\ \hline 46 \end{array}$	<b>Maraea</b> $54 - 18 = 44$	<b>Sione</b> $54 - 20 - 2 = 32$
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Each student has made a mistake. For each student identify what they did wrong.

<b>James</b> $54 + 18 = 72$
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Explain what James did wrong.

**Sarah**

$$\begin{array}{r} 54 \\ - 18 \\ \hline 46 \end{array}$$

Explain what Sarah did wrong.

**Maraea**

$$54 - 18 = 44$$

Explain what Maraea did wrong.

**Sione**

$$54 - 20 - 2 = 32$$

Explain what Sione did wrong.