

Date:

Name:

Negative Numbers in Context

Aim : Use negative numbers in context

1. The highest temperature recorded on Earth is 56°C . The coldest temperature recorded on Earth is -89°C . What is the difference between these temperatures?

Answer:



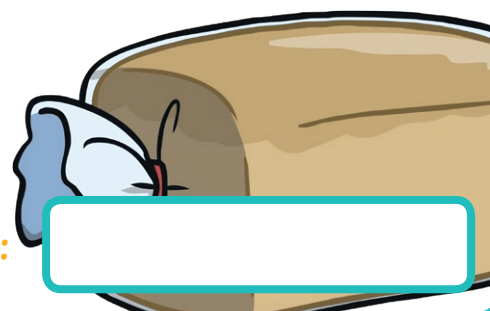
2. George has $\pounds 1346$ in his bank account. He buys a holiday, which costs $\pounds 1750$. How much will he be overdrawn?

Answer:



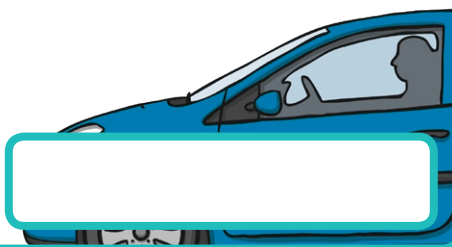
3. The temperature in the freezer is -28°C . A loaf of bread is taken out of the freezer and allowed to thaw overnight in the kitchen, where the temperature is 18°C . By how much will the temperature of the bread rise?

Answer:



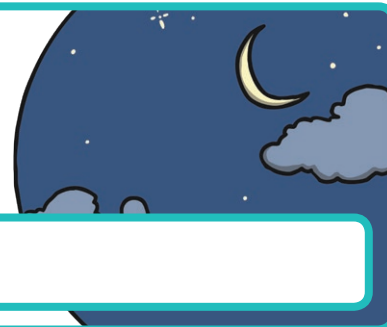
4. Ellie is £25 overdrawn. She needs to spend £134 repairing her car. How much will she be overdrawn now?

Answer:



5. The temperature outside at 3pm is -12°C . Overnight the temperature drops to -31°C . By how much does the temperature fall?

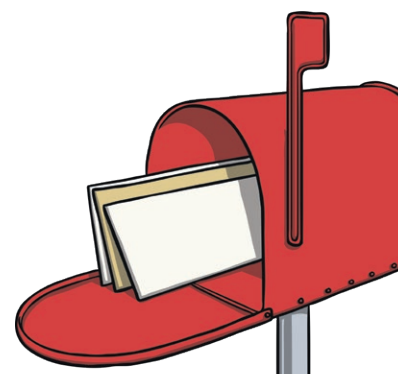
Answer:



6. Mr and Mrs Jones have £456.75 in their bank account. They have to pay the following bills. What will their account balance be after paying the bills?

Electricity	£234.97
Gas	£132.17
Council Tax	£108.34

Answer:



Negative Numbers in Context

Question	Answer
1	$56 - (-89) = 145$. The answer is 145°C
2	$\pounds 1750 - \pounds 1346 = \pounds 404$
3	$18 - (-28) = 46$. The temperature is 46°C .
4	$-\pounds 25 - \pounds 134 = -\pounds 159$. $\pounds 159$ overdrawn.
5	$-31 - (-12) = -19$. The temperature falls by 19°C .
6	Total bills: $\pounds 234.97 + \pounds 132.17 + \pounds 108.34 = \pounds 475.48$ Balance: $\pounds 456.75 - \pounds 475.48 = -\pounds 18.73$. The balance is $\pounds 18.73$ overdrawn.