

Negative Numbers

1. Work out the answers to the calculations below and place them in the correct columns.

$-3 + 9$

$-10 - 16$

$-2 + 18$

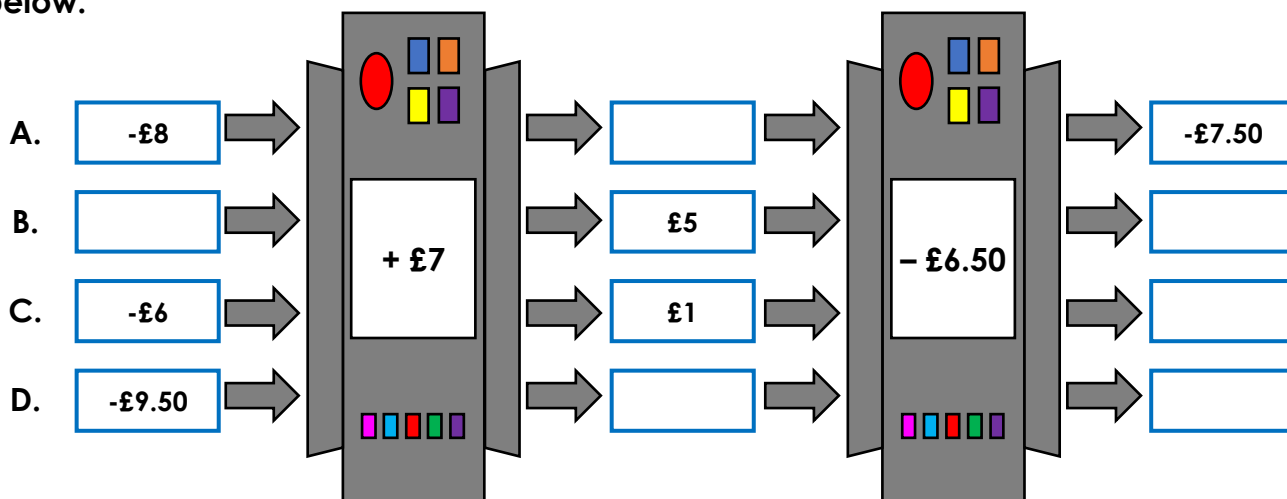
$3 - 12$

$-17 + 2$

$-9 - 4$

| -10 or below | Between 0 and -10 | 0 or above |
|--------------|-------------------|------------|
| | | |

2. A bank has installed some function machines. Find the missing amounts of money below.



3. Dr Banner is trying to get a mixture to reach a temperature between 5°C and 12°C . Is he correct? Find combinations to prove your answer.



My mixture is currently at -17°C .
I can reach a desired temperature by adding 3 chemicals to it.

| Chemical A | Chemical B | Chemical C | Chemical D | Chemical E | Chemical F |
|----------------------|-----------------------|----------------------|----------------------|-----------------------|----------------------|
| $+2^{\circ}\text{C}$ | $+11^{\circ}\text{C}$ | $+7^{\circ}\text{C}$ | $+4^{\circ}\text{C}$ | $+13^{\circ}\text{C}$ | $+9^{\circ}\text{C}$ |