

Please use the questions as a guide. The children do not need to have the questions printed out and can complete them directly in their homework books.

The questions each week will act as revision of the skills and methods the children have already worked on at school.

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

$-3 + 9$

$-10 - 16$

$-2 + 18$

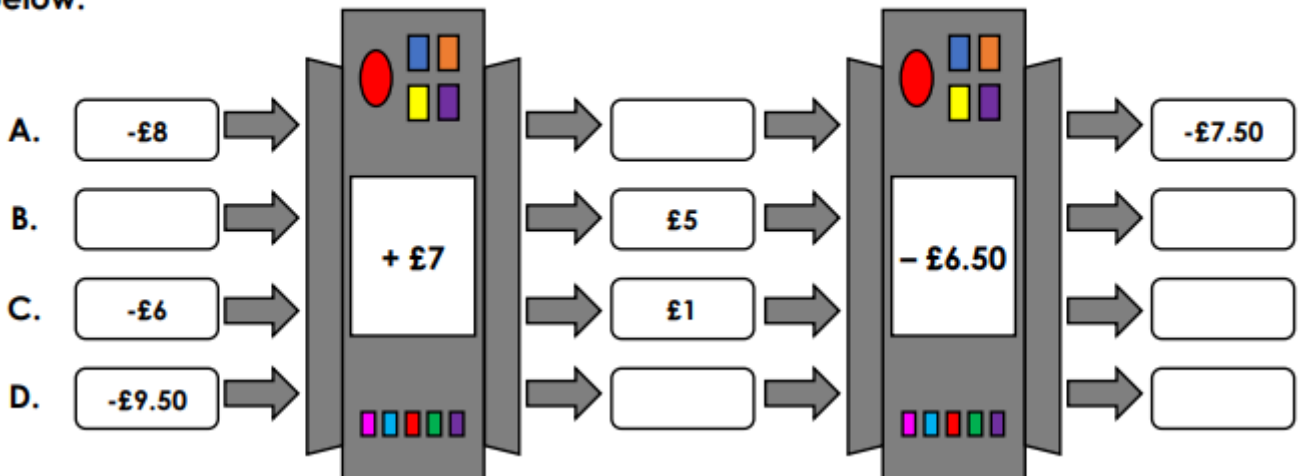
$3 - 12$

$-17 + 2$

$-9 - 4$

-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 .

He says,



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

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

Is he correct?
Find combinations to prove your answer.