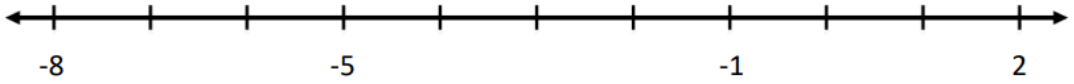
Miss Fisher's group maths homework due in 1st October 26.

Please self-mark your work.

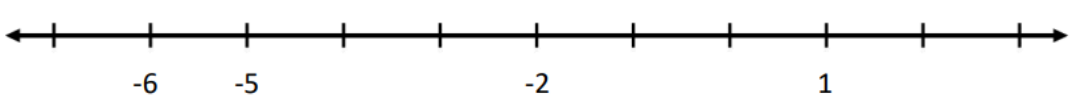
NEGATIVE NUMBER LINES WORKSHEET 1B

Write in the missing numbers on the number lines.

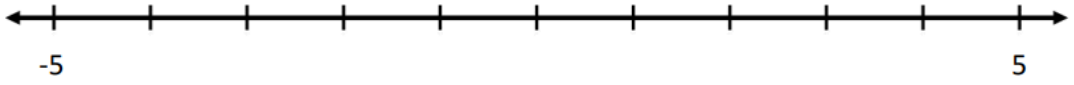
1)



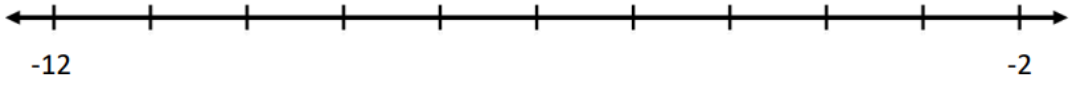
2)



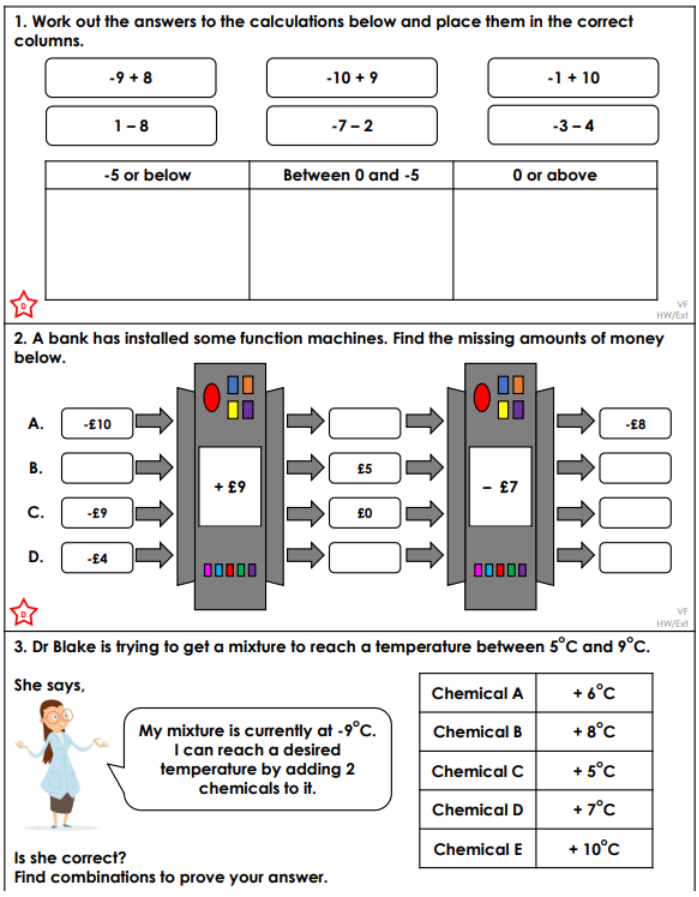
3)



4)



Draw a number line to help you if needed.



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

-9 + 8	-10 + 9	-1 + 10
1 – 8	-7 – 2	-3 – 4

-5 or below	Between 0 and -5	0 or above

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

3. Dr Blake is trying to get a mixture to reach a temperature between 5°C and 9°C.

She says,

My mixture is currently at -9°C. I can reach a desired temperature by adding 2 chemicals to it.

Chemical A	+ 6°C
Chemical B	+ 8°C
Chemical C	+ 5°C
Chemical D	+ 7°C
Chemical E	+ 10°C

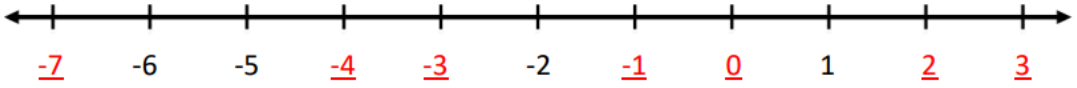
Is she correct?
Find combinations to prove your answer.

Answers

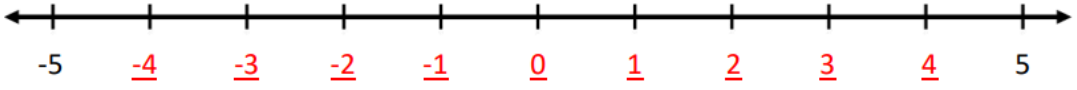
NEGATIVE NUMBER LINES WORKSHEET 1B ANSWERS

1)

2)



3)



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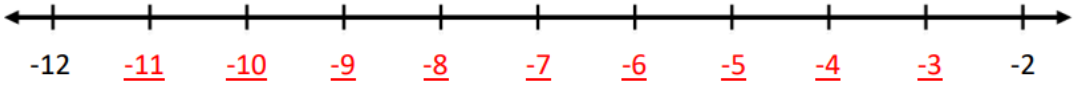

Developing

1. -5 or below: 1 – 8 = -7; -7 – 2 = -9; -3 – 4 = -7
Between 0 and -5: -9 + 8 = -1; -10 + 9 = -1
0 or above: -1 + 10 = 9

2. A. -£1
B. -£4, -£2
C. - £7
D. £5, -£2

3. Various answers, for example: Dr Blake is correct.
He could add chemicals D and E to his mixture which would increase the temperature to 8°C as -9 + 7 + 10 = 8.