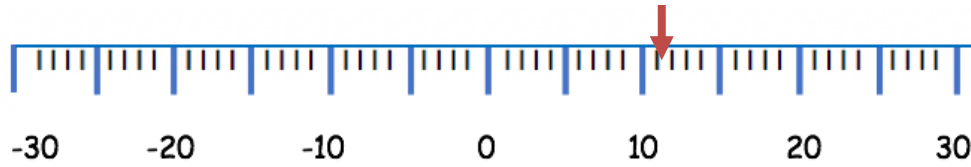


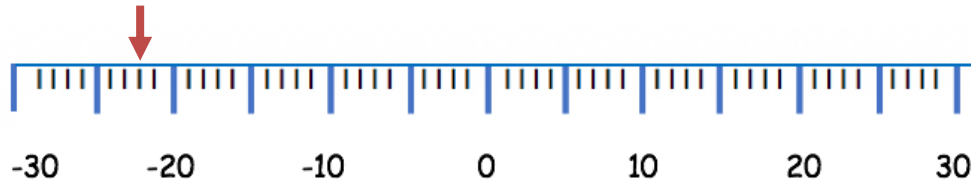
Number and Place Value Year 5 (Negative Numbers) Answers

1a) Write the value of the number marked on the number line below.



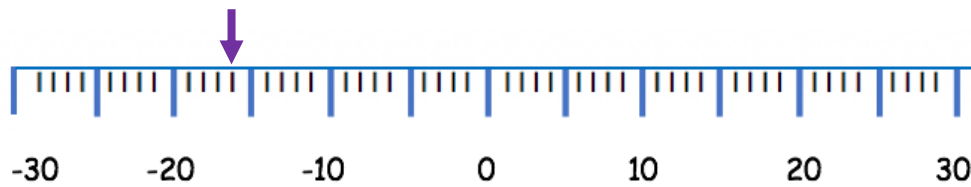
11

1b) Write the value of the number marked on the number line below.

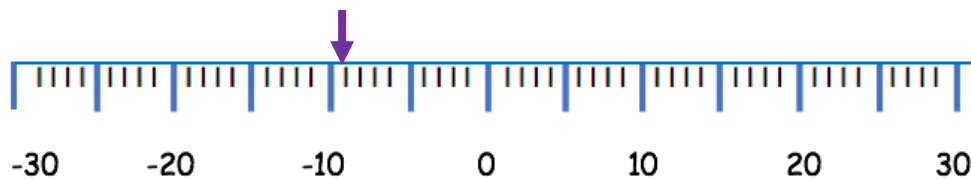


-22

1c) Mark **-16** on the number line.



1d) Mark **-9** on the number line.



2 a ) The temperature in Manchester was  $-3$  degrees on Wednesday morning. On Thursday morning the temperature was 6 degrees warmer. What was the temperature on Thursday morning ?

$3^{\circ}\text{C}$

b) Samuel was over drawn in his bank account by  $\pounds 4$ . This is written as  $-\pounds 4$ . He then spent another  $\pounds 16$ . How much is he now overdrawn by? Write this as a negative amount.

Check children have understanding of negative numbers and apply strategies to calculate the answer.

$-\pounds 20$

3a) Hamza got an ice lolly out of the freezer and recorded the temperature. It was  $-15^{\circ}\text{C}$ . He left it on the side and forgot about it . When he returned it had started to melt. He recorded the temperature again and it was now  $3^{\circ}\text{C}$ . What is the difference in temperature between when the ice lolly was in the freezer and when the ice lolly began to melt?

Check children have understanding of finding the difference and apply strategies to calculate the answer.

$18^{\circ}\text{C}$

b) Sophie had  $\pounds 7$  in her bank account. She spent some money at the cinema and she then became overdrawn in her bank account. This is written as  $-\pounds 5$ . How much money did she spend at the cinema?

Check children have understanding of finding the difference and apply strategies to calculate the answer.

$\pounds 12$