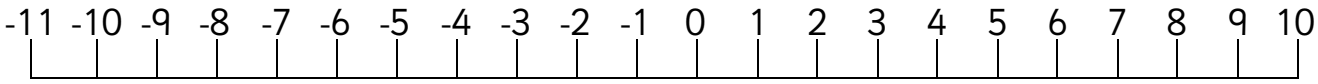
Calculating with negative numbers

Maths worksheets from urbrainy.com

Use the negative number line to help answer the questions below.



1. -9 + 7 = …….. 2. -4 + 5 = …….. 3. -3 + 9 = ……..

4. 3 - 5 = …….. 5. 4 - 7 = …….. 6. 2 - 8 = ……..

7. -4 - 3 = …….. 8. -2 - 5 = …….. 9. -5 - 6 = ……..

10. What is three less than -6? ……. 11. What is four less than -3? ……...

12. How many more is 2 than -3? ……..… 13. How many more is 5 than -9? …….

Now try these harder questions, with no number line help:

To be overdrawn means to have taken more money out of the bank than was in it. Write overdrawn amounts as negative numbers.

14. At 7 pm the temperature was 3^0C.
At midnight it had dropped by 12^0C. What was the temperature at midnight? ……

15. Rachel had £1 500 in the bank.
She spent £2 600 on a new TV. How much was in her bank now? ……...

16. Ali's overdrawn bank statement showed he had –£368.50. He bought a new fridge for £489.99. What was the total that he was now overdrawn? ……

17. Tammy had £546 000 in the bank. She bought a new house for £832 000. How much did she now have in the bank? ……..…

18. Jan had £155.50 in her bank account. She spent £80.99 on a pair of new shoes and £125.99 on a new coat.
How much was she overdrawn? ……

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Use the negative number line to help answer the questions below.

-11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

1. -8 + 6 = …….. 2. -5 + 4 = …….. 3. -2 + 8 = ……..

4. 4 - 6 = …….. 5. 3 - 8 = …….. 6. 2 - 10 = ……..

7. -7 - 3 = …….. 8. -5 - 5 = …….. 9. -1 - 7 = ……..

10. What is three less than -8? ……. 11. What is four less than -4? ……...

12. How many more is 5 than -6? …….. 13. How many more is 6 than -7? …….

Now try these harder questions, with no number line help:

To be overdrawn means to have taken more money out of the bank than was in it. Write overdrawn amounts as negative numbers.

14. At 6 pm the temperature was 5^0C.
At midnight it had dropped by 11^0C. What was the temperature at midnight? ……

15. Sam had £2 700 in the bank.
He spent £8 600 on a new kitchen. How much was in his bank now? ……...

16. Olivia's overdrawn bank statement showed she had –£153.50. She bought a new TV for £569.99. What was the total that she was now overdrawn? ……..……

17. Harry had £636 000 in the bank. He bought a new flat for £1 000 000. How much did he now have in the bank? ……..…

18. Mia had £143.50 in her bank account. She spent £60.99 on a pair of jeans and £136.99 on a new pair of shoes.
How much was she overdrawn? ……

Name:

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Answers

Page 1

1. –2 2. 1 3. 6 4. –2 5. –3 6. –6

7. –7 8. –7 9. –11 10. –9 11. –7 12. 5 more 13. 14 more

14. -9^0C 15. –£1 100 16. –£858.49 17. –£286 000 18. –£51.48

Page 2

1. –2 2. –1 3. 6 4. –2 5. –5 6. –8

7. –10 8. –10 9. –8 10. –11 11. –8 12. 11 more 13. 13 more

14. -6^0C 15. –£5 900 16. –£723.49 17. –£364 000 18. –£54.48

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