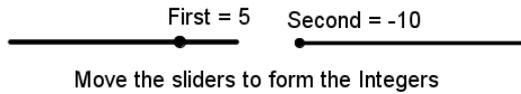


Student Activity: To investigate subtraction of Integers

Use in connection with the interactive file, 'Subtracting Integers', on the Student's CD.



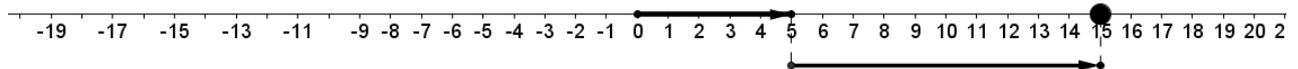
Click to show the first number on the numberline

Click to show minus the second number starting where the first number finished

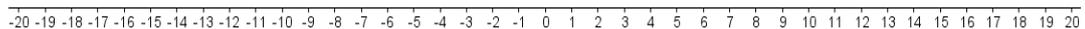
$$(5) - (-10) = 15$$

Click to show answer

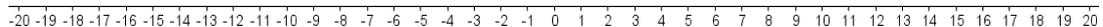
Answer equals the green dot.



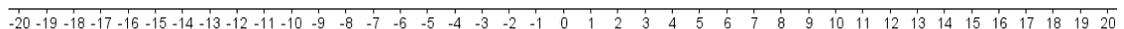
1. Show $4 + 2$ on the number line.



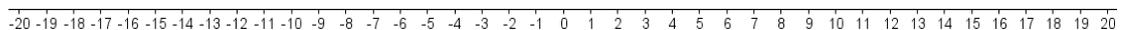
2. Show $4 - 2$ on the number line.



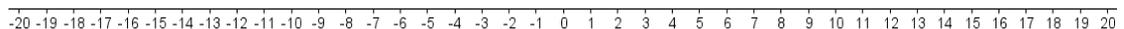
3. Show $4 - (-2)$ on the number line.



4. Show $5 - (-3)$ on the number line.



5. Show $-5 - (-3)$ on the number line.



6. If the temperature in a certain town is minus three degrees and you are told that it will be two degrees colder the next day, what temperature will it be the next day? Show your calculations.

7. If the temperature in a certain town is minus three degrees and you are told that it will be two degrees warmer the next day, what temperature will it be the next day? Show your calculations.

8. If the temperature in a certain town is three degrees and you are told that it will be five degrees colder the next day, what temperature will it be the next day? Show your calculations.

9. If you were on the minus one floor in a lift and you went up four floors, what floor would you be on? Show your calculations.

10. Fill in the following answers:

(a) $-4 + 1 =$

(b) $-4 + 0 =$

(c) $-4 - 1 =$

(d) $-4 - 5 =$

(a) $3 - 3 =$

(b) $3 - 2 =$

(c) $3 - 1 =$

(d) $3 - 0 =$

(e) $3 - (-1) =$

(f) $3 - (-2) =$

(g) $3 - (-3) =$

(h) $3 - (-4) =$

(i) $-5 - (-1) =$

(j) $-9 - (4 - (-3)) =$