

MATH · GRADES 4–5

Negative Numbers

Numbers below zero

Where you've seen them

Negative numbers are everywhere once you look. Temperatures below freezing (-5°C). Owing money (a $-\$20$ balance means you owe $\$20$). Below sea level (the Dead Sea is at -430 m). On a number line, negatives go to the LEFT of zero. The further left, the SMALLER the number. So -10 is smaller than -5 .

Section A — Order from smallest to largest

5, -3, 0, -8, 2, -1

-10, 4, -2, -7, 1, -5

-12, -3, -8, 0, -1, -15

Section B — Temperature word problems

1. It is -5°C . The temperature rises by 8 degrees. What is it now?
2. It is 3°C . The temperature falls by 10 degrees. What is it now?
3. Monday morning: -2°C . Tuesday morning: -7°C . Which is colder, and by how much?
4. It is 5°C in your room and -15°C outside. What's the difference?

Section C — Calculate

1. $-3 + 5 = \underline{\quad}$



2. $4 + (-7) = \underline{\quad}$

3. $-2 + (-6) = \underline{\quad}$

4. $-10 + 15 = \underline{\quad}$

5. $0 - 8 = \underline{\quad}$

6. $5 - 12 = \underline{\quad}$

7. $-3 - 4 = \underline{\quad}$

8. $20 - 25 = \underline{\quad}$

