

## ELEVARK: QUESTIONS ON SNOW CRYSTALS

TAKE A WALK 9:  
Geometrical figures in the snow

Answer the questions



Part 1: [RADIOLAB.ORG](http://RADIOLAB.ORG): "CRYSTAL BLISS"

[Listen to the programme](#) and answer these questions:

1. Who is the first person ever to photograph a snowflake?
2. When did this happen?
3. How did he find out he was interested in snowflakes?
4. What did he do with the photographs?
5. Which words are used to describe snowflakes in this podcast?
6. What does "contemporary" mean?
7. Are crystals always symmetrical?
8. What was Bentley criticized for?
9. What does "gloppy" mean?
10. What does "unenhanced" mean?
11. What does "abnormality" mean?
12. Does the ideal snowflake exist?
13. Where do they go to find out?

Part 2: [SNOW CRYSTALS.COM](http://SNOW CRYSTALS.COM)

[Read the page](#) and find the answers to these questions:

1. What's the difference between a snowflake and a snow crystal?
2. Do you know what an "agglomeration" is? It's an advanced word for something that is easy to understand.
3. Can you find the chemical formula for water on the page?
4. What does "hexagonal" mean?
5. Look at the image of the basic hexagonal shape of a snow crystal and explain the difference between "columnar" and "plate-like" hexagonal prisms. Again, these are more advanced words for something that is much easier to understand.
6. Where on a hexagonal shape do the branches of a snow crystal sprout from?
7. Look at the "Morphology diagram" on the page. At which temperature do "hollow columns" grow?