

Look at the following videos and answer the questions:

### Video 1 – Mineral hardness test

1. What is hardness?

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2. Write all the minerals mentioned:

1. \_\_\_\_\_, 2. \_\_\_\_\_, 3. \_\_\_\_\_, 4. \_\_\_\_\_,  
5. \_\_\_\_\_, 6. \_\_\_\_\_, 7. \_\_\_\_\_, 8. \_\_\_\_\_,  
9. \_\_\_\_\_, 10. \_\_\_\_\_

3. Which is the softest? \_\_\_\_\_  
4. Which is the hardest? \_\_\_\_\_  
5. What minerals, materials or objects are used in the video to scratch the minerals mentioned?  
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### Video 2 – Materials classification

1. On what basis do we classify materials?

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2. What is transparency?

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- a. How can objects on this basis be classified?

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3. What is hardness?

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- a. What is the difference between hard and soft?

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4. What is ductility and malleability?

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