

# Homework for nanotechnology on education

<https://www.educanon.com/dash>

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video topic : introduction to nano technology

original video address on YouTube :

[https://www.youtube.com/watch?time\\_continue=2&v=Cm90Md81zZQ](https://www.youtube.com/watch?time_continue=2&v=Cm90Md81zZQ)

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1 · video address on educanon:

[www.educanon.com/public/157914/309485](http://www.educanon.com/public/157914/309485)

2 · the 5 – 10 questions that you post on educanon:

1) how big a matter at the scale of nano meters

a) 1 billionth of a meter

b) 10 billionth of a meter

c) 100 billionth of a meter

d) 10 millionth of a meter

2) the maximum speed of the recent linear nano

meter

a) up to 10 rpm

b) up to 100 rpm

c) up to 110 rpm

d) up to 1k rpm

3) the founder of intel is

a) Gordon Moore

b) Robert Noyce

c) Andrew Grove

d) all of the above

4) Moore's law says about transistors on a chip

a) will double for every two years

b) will double for every ten years

c) will double for 2 to 5 years

d) will double for every 15 years

5) Intel's recent announcement of transistors for just

45 nanometers across is

a) 30k

b) 25k

c) 35k

d) 40k

6)recent researchers focus on sheets of carbon atoms to build tiny circuits because..

- a)they can use as pure insulators
- b)they can use as pure conductors
- c)they can use as pure semiconductors
- d)b&c

7)recent experimental nano memory chip which is ofone square centimeter can store

- a)100 billion bits of information
- b) )10 billion bits of information
- c) )100 million bits of information
- d)10 million bits of information