

## KEMIJA 9.a V

Navodila za 1 šolsko uro (17. 12. 2021) + 23. 1. 2021

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**To uro imamo uro v živo.**

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Spoznali bomo družino alkanov in vrste formul - stran 147 v učbeniku.

Zapisali bomo imena in 4 vrste formul za prvih deset alkanov; kot zapis spodaj.

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**Domača naloga:** Dobro se nauči vse izraze in zapise.

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# ALKANI

IME	STRUKTURNA FORMULA	RACIONALNA FORMULA	MOLEKULSKA FORMULA	SKELETNA FORMULA
<b>METAN</b> 1 C		CH <sub>4</sub>	CH <sub>4</sub>	je nima
<b>ETAN</b> 2 C		H <sub>3</sub> C—CH <sub>3</sub>	C <sub>2</sub> H <sub>6</sub>	
<b>PROPAN</b> 3 C		CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>3</sub>	C <sub>3</sub> H <sub>8</sub>	
<b>BUTAN</b> 4 C		CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>3</sub>	C <sub>4</sub> H <sub>10</sub>	
<b>PENTAN</b> 5 C		CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>3</sub>	C <sub>5</sub> H <sub>12</sub>	
<b>HEKSAN</b> 6 C		CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>3</sub>	C <sub>6</sub> H <sub>14</sub>	
<b>HEPTAN</b> 7 C		CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>3</sub>	C <sub>7</sub> H <sub>16</sub>	
<b>OKTAN</b> 8 C		CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>3</sub>	C <sub>8</sub> H <sub>18</sub>	
<b>NONAN</b> 9 C		CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>3</sub>	C <sub>9</sub> H <sub>20</sub>	
<b>DEKAN</b> 10 C		CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>2</sub> -CH <sub>3</sub>	C <sub>10</sub> H <sub>22</sub>	