



evropský  
sociální  
fond v ČR



EVROPSKÁ UNIE



MINISTERSTVO ŠKOLSTVÍ,  
MLÁDEŽE A TĚLOVÝCHOVY



OP Vzdělávání  
pro konkurenceschopnost

INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

## Přírodní vědy aktivně a interaktivně

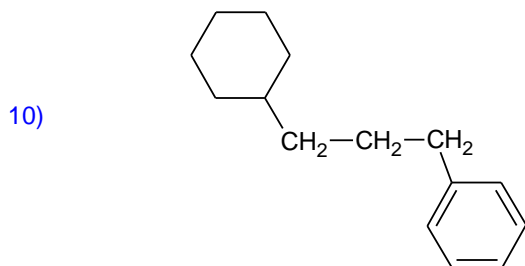
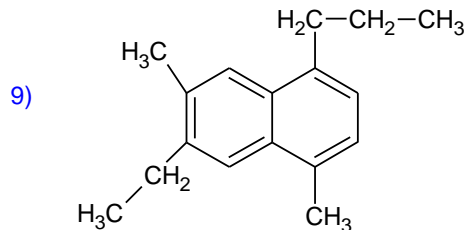
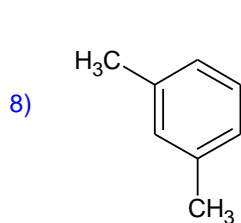
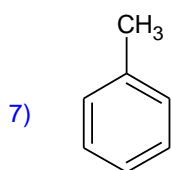
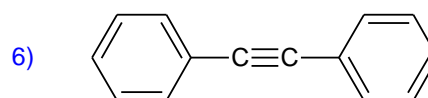
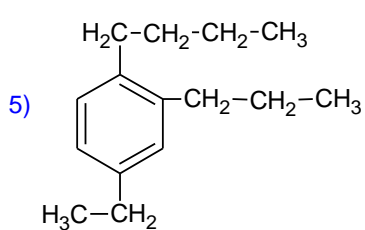
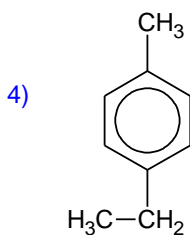
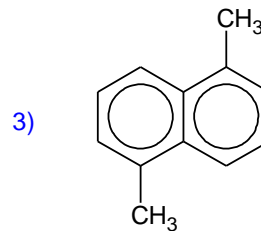
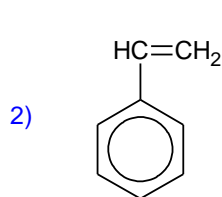
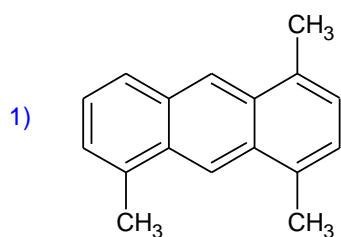
Elektronický materiál byl vytvořen v rámci projektu OP VK CZ.1.07/1.1.24/01.0040

Zvyšování kvality vzdělávání v Moravskoslezském kraji  
Střední průmyslová škola stavební, Havířov, příspěvková organizace

<b>Název EM</b>	Chemické názvosloví: Areny a aryly
<b>Název sady EM</b>	ŽUR_CHE_05
<b>Vzdělávací obor</b>	Chemie
<b>Vzdělávací oblast</b>	Člověk a příroda, Informační a komunikační technologie
<b>Autor</b>	Mgr. Jana Žůrková
<b>Ročník</b>	2. a 3. (technické lyceum)
<b>Anotace</b>	Organická chemie, pracovní list ověřující znalosti chemického názvosloví arenů a aryly

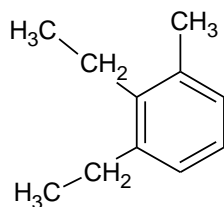
**CHEMICKÉ NÁZVOSLOVÍ: ARENY A ARYLY**
**A) Napiš chemické vzorce:**

- |  |  |
|--|--|
| 1) 1,2-diethyl-3-methylbenzen          | 6) 1,8-dipropylantracen                |
| 2) 1-methylnaftalen-2-yl               | 7) 1-ethyl-3-cyklopropylbenzen         |
| 3) 2-methylnaftalen-1-yl               | 8) 2-ethyl-1-methyl-4-propylnaftalen   |
| 4) 2-ethyl-1,4-dimethyl-3-propylbenzen | 9) 1,3,5-trifenylpentan                |
| 5) 1,3-diethylbenzen                   | 10) 2-ethyl-5-methyl-10-propylantracen |

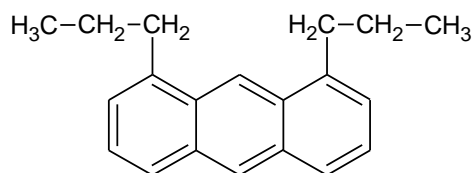
**B) Napiš chemické názvy:**


**CHEMICKÉ NÁZVOSLOVÍ: ARENY A ARYLY**
**A) Napiš chemické vzorce:**

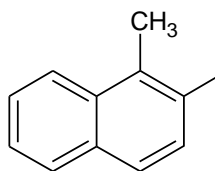
1) 1,2-diethyl-3-methylbenzen



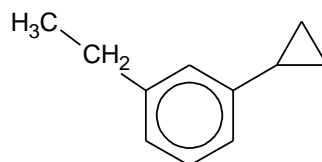
6) 1,8-dipropylantracen



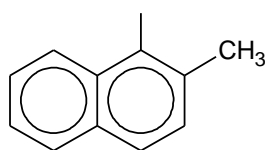
2) 1-methylnaftalen-2-yl



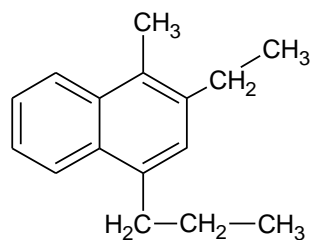
7) 1-ethyl-3-cyklopropylbenzen



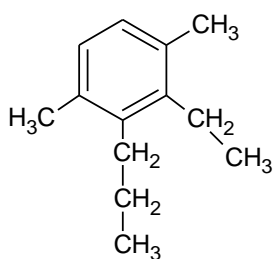
3) 2-methylnaftalen-1-yl



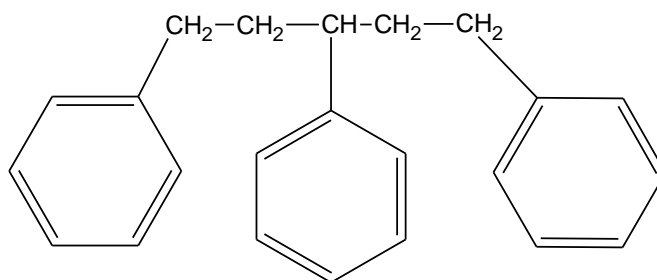
8) 2-ethyl-1-methyl-4-propylnaftalen



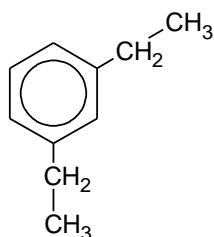
4) 2-ethyl-1,4-dimethyl-3-propylbenzen



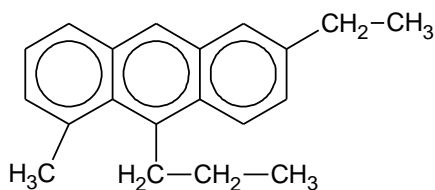
9) 1,3,5-trifenylpentan

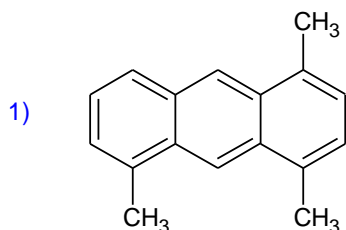


5) 1,3-diethylbenzen

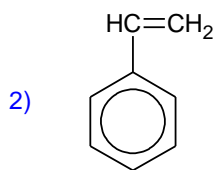
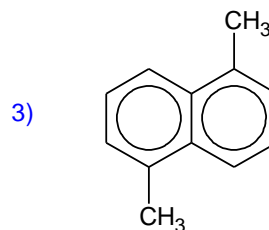


10) 2-ethyl-5-methyl-10-propylantracen

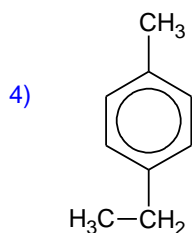
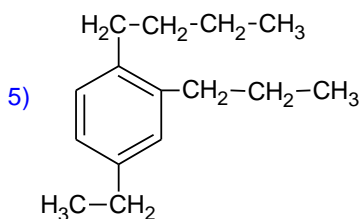


**B) Napiš chemické názvy:**


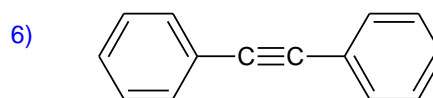
1,4,5-trimethylantracén


 ethenylbenzen  
vinylbenzen  
styren


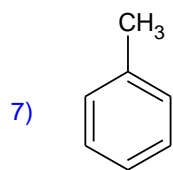
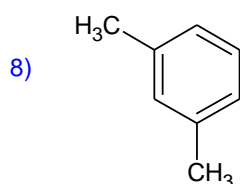
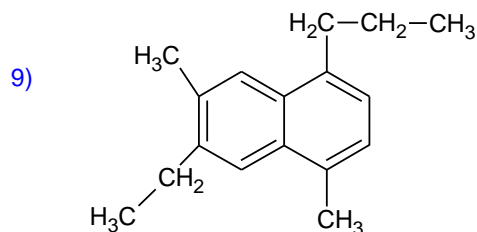
1,5 - dimethylnaftalen


 4-ethyltoluen  
1-ethyl-4-methylbenzen


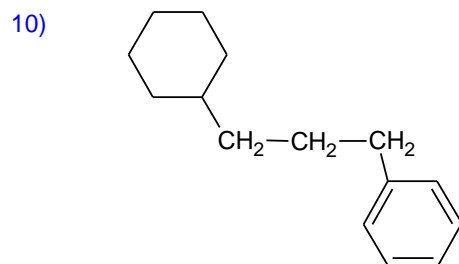
1-butyl-4-ethyl-2-propylbenzen



1,2-difenylethyn


 toluen  
methylbenzen

 m-xylen  
1,3-dimethylbenzen


6-ethyl-4,7-dimethyl-1-propylnaftalen


 1-fenyl-3-cyklohexylpropan  
(3-cyklohexylpropyl)benzen