



# 三明学院

## 本科课程教学大纲 (材料化学专业分册)

资源与化工学院 编印  
二〇二二年十月





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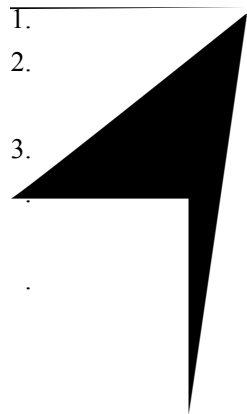
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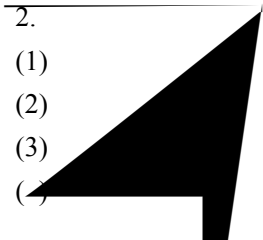
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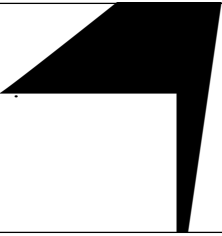













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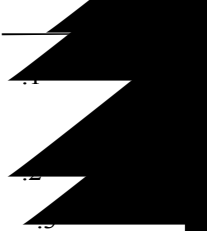
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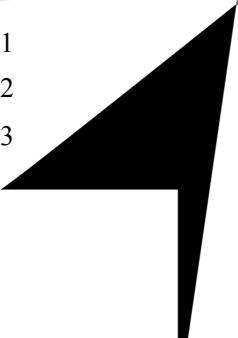
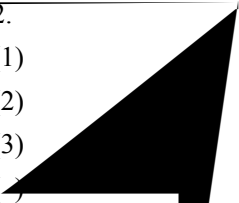
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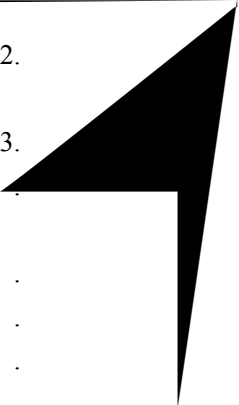
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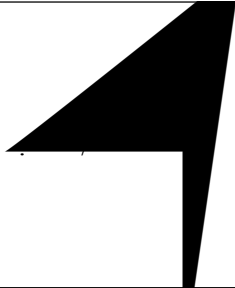




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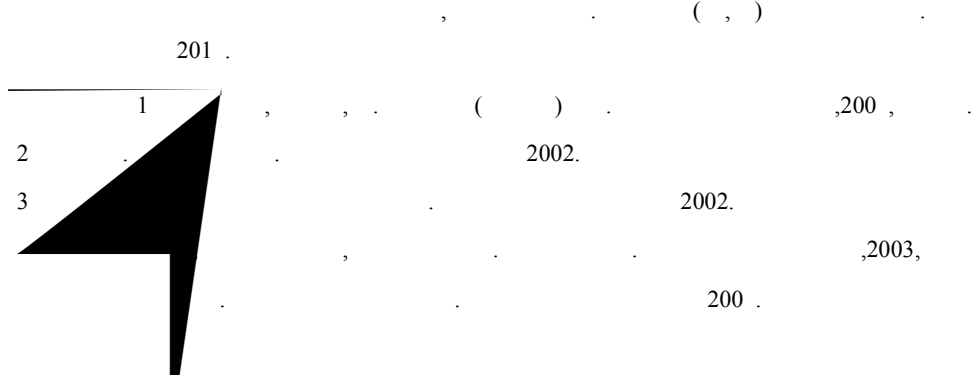
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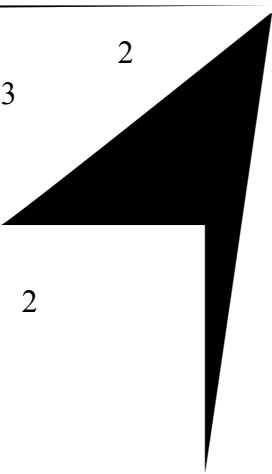
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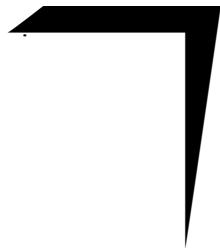
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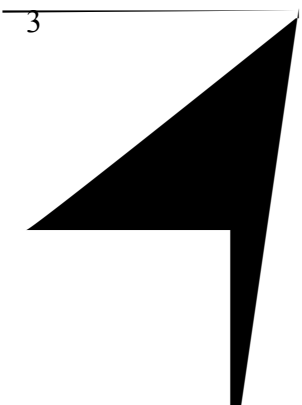
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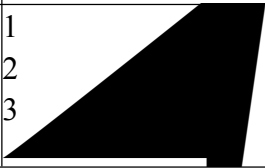
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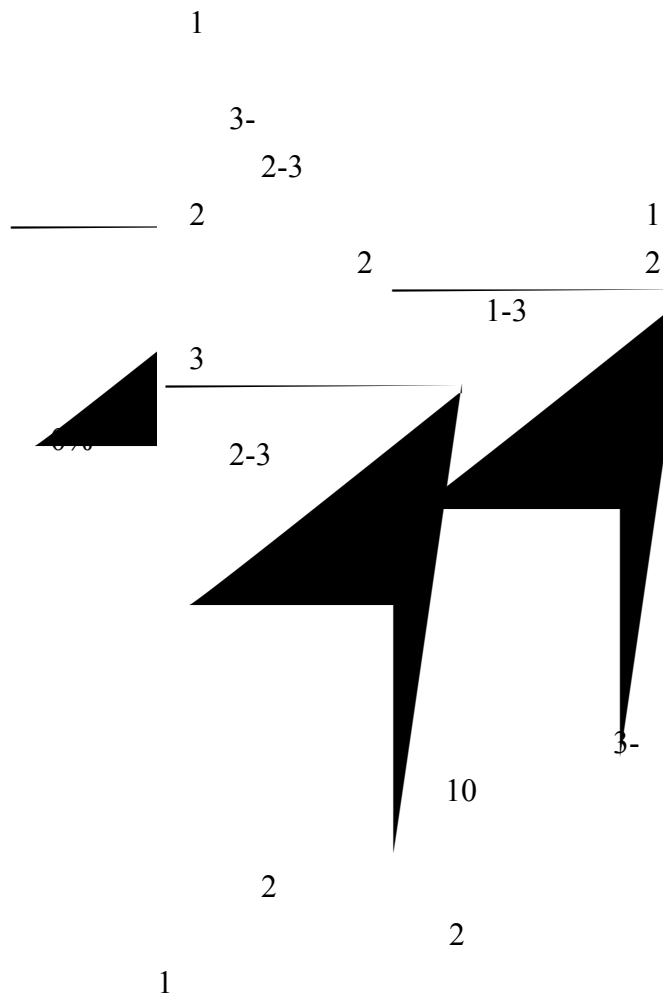


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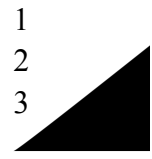
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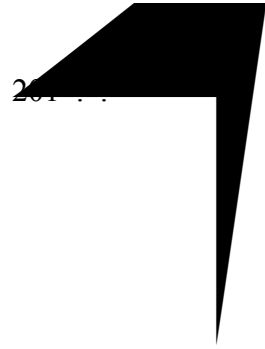




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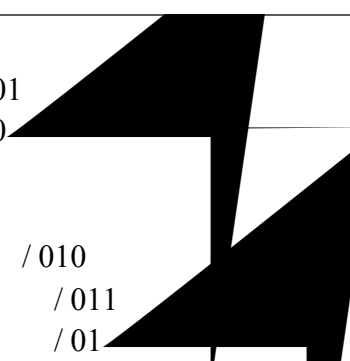
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	<p>孙建汉 任士钊 游明辉</p> <p>2022 23</p>
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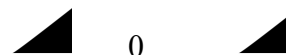
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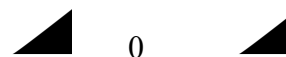
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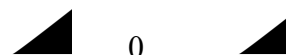
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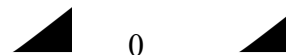
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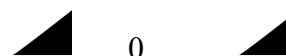
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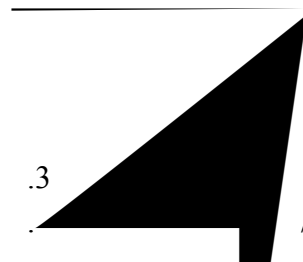
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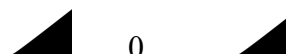


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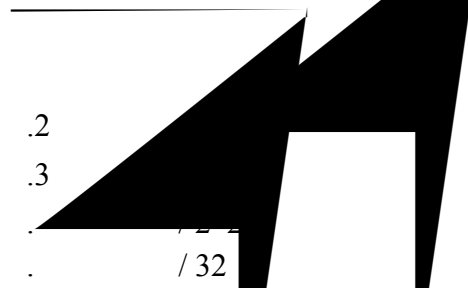
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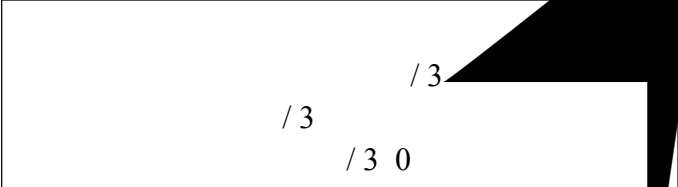


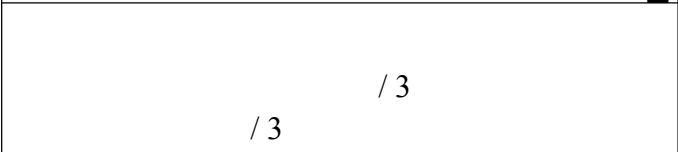


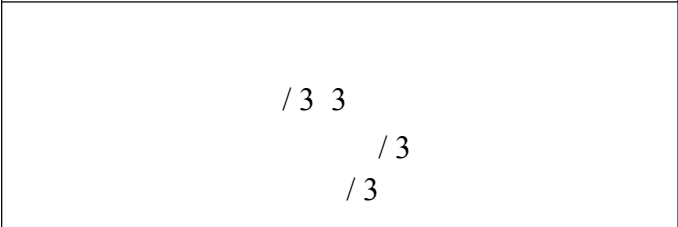


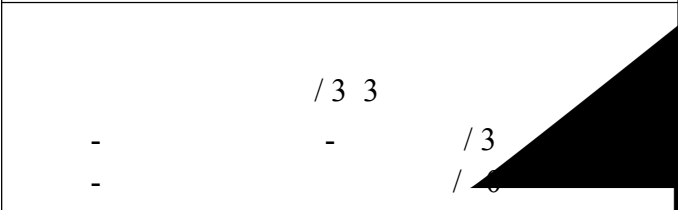


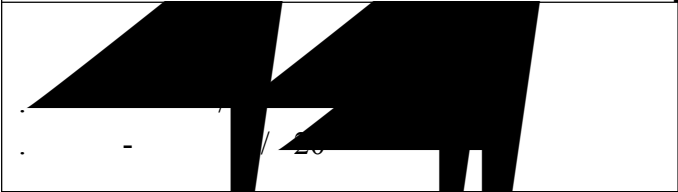


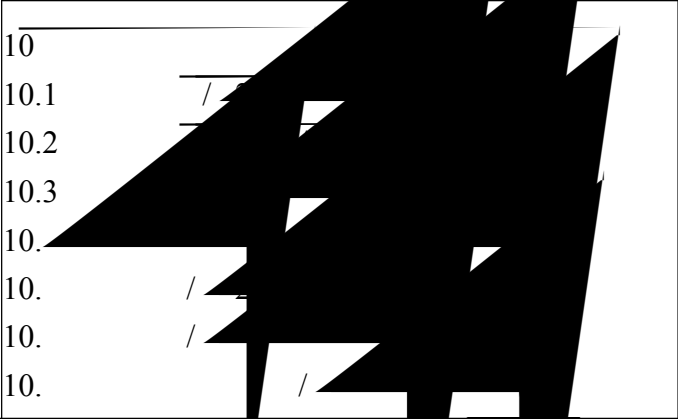

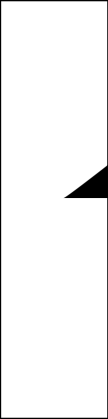
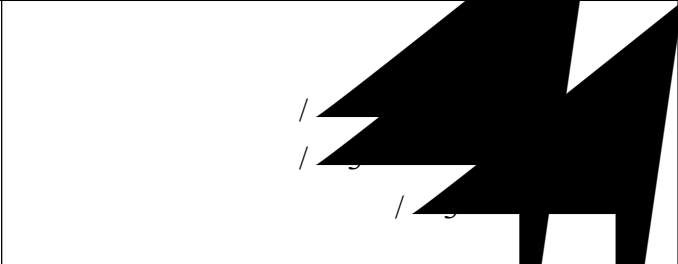






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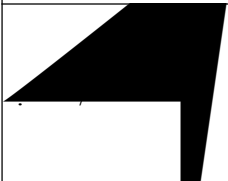

张明强





孙建汉 任士钊 游晓峰



同意

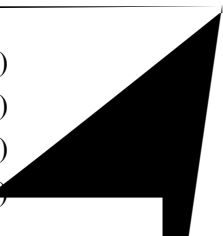
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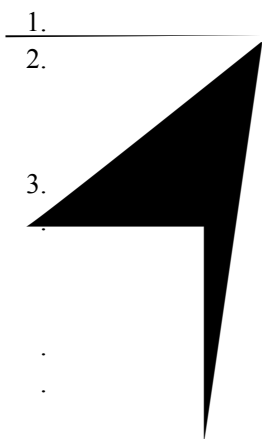
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	<p>陈风华 薛荣荣</p> <p>2020 22</p>
	<p>孙建汉 任士钊 游晓峰</p> <p>2022 23</p>
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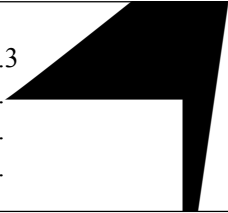
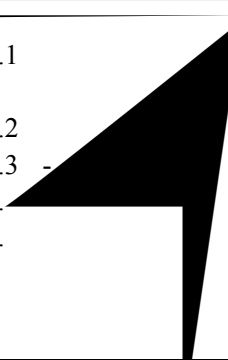
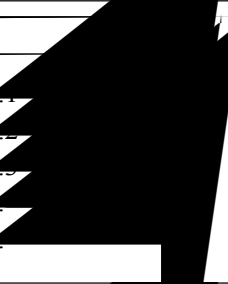
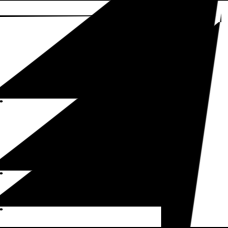
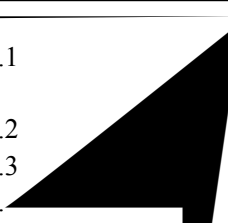
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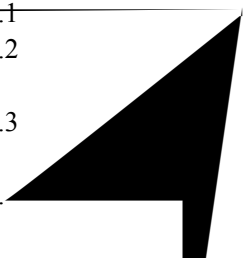


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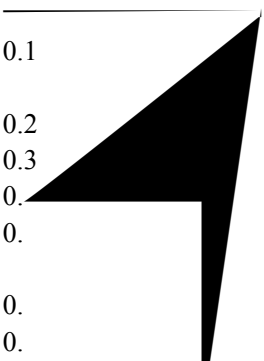
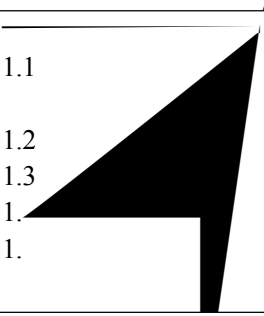
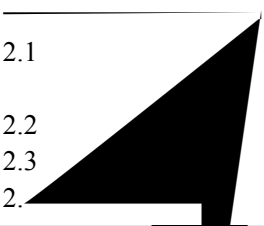
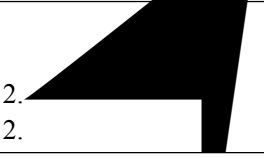
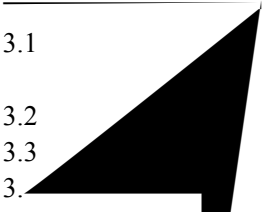
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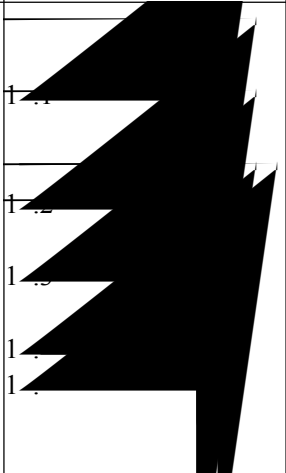
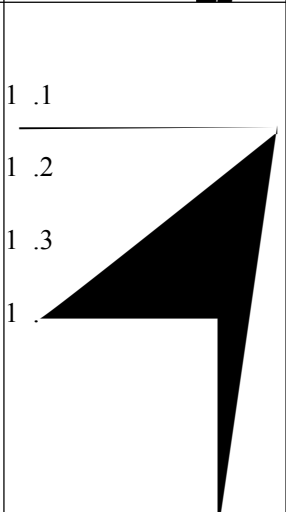
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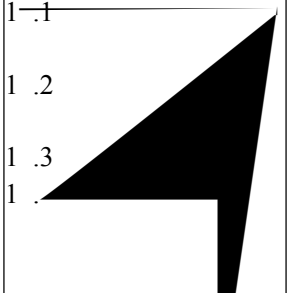

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同意

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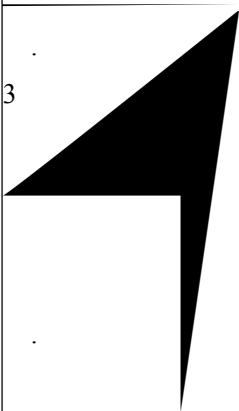

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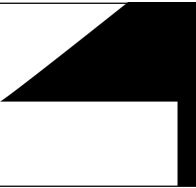
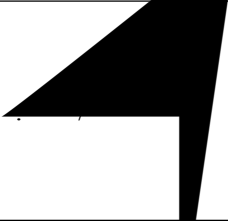
















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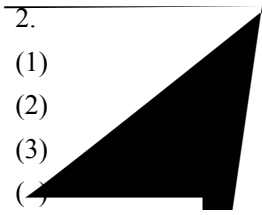
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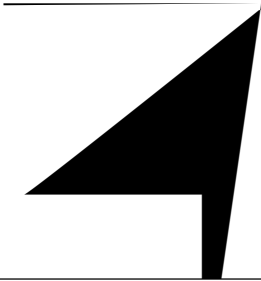
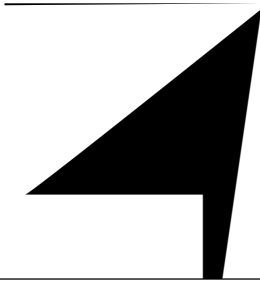
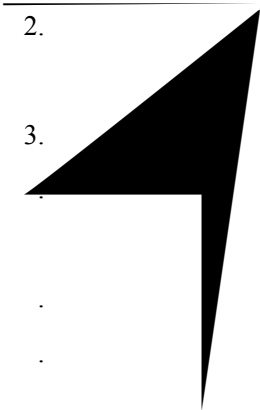
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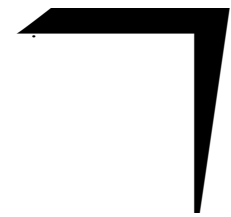
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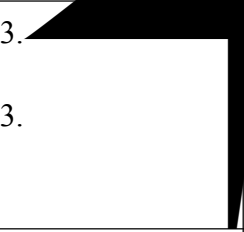
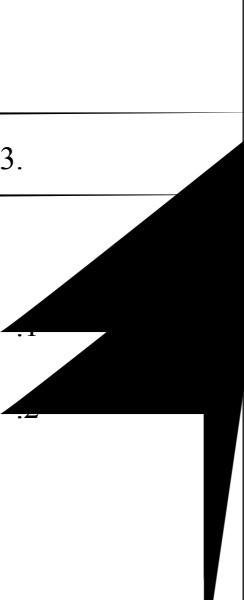





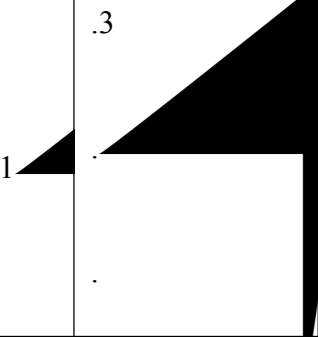
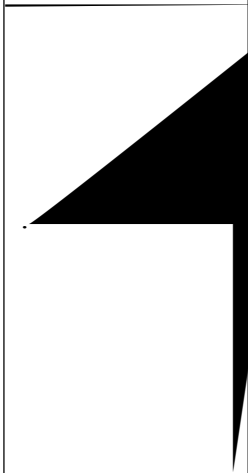
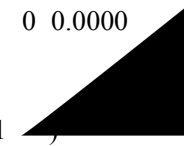
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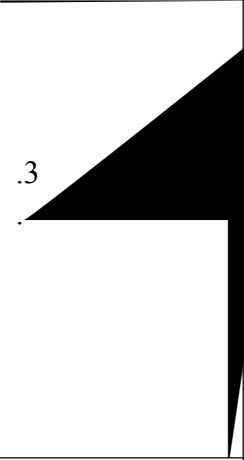
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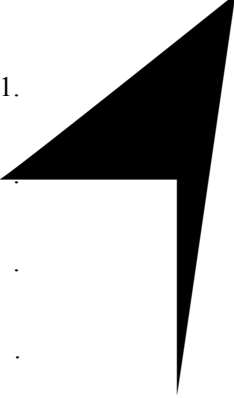
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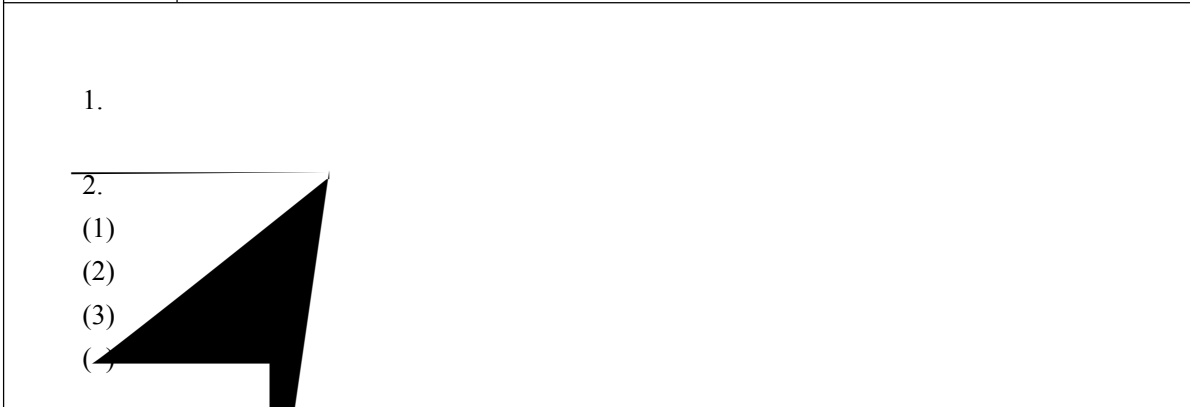
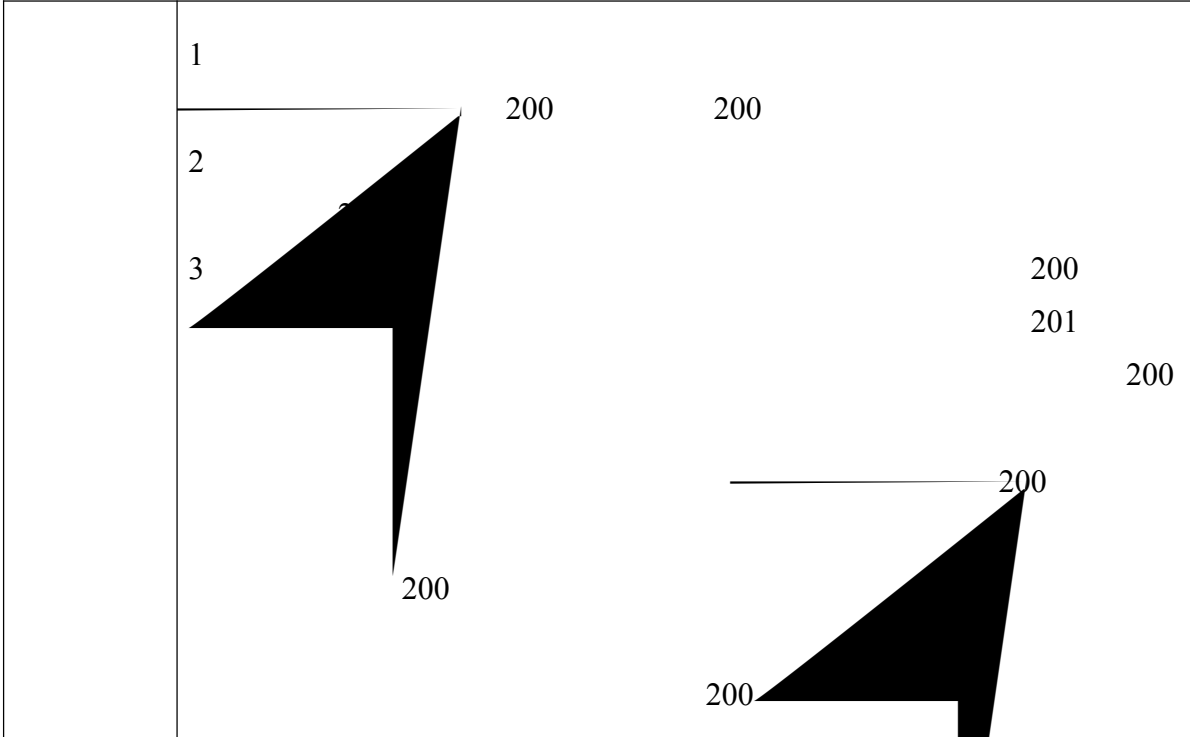
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孙建汉 任士钊 游晓峰

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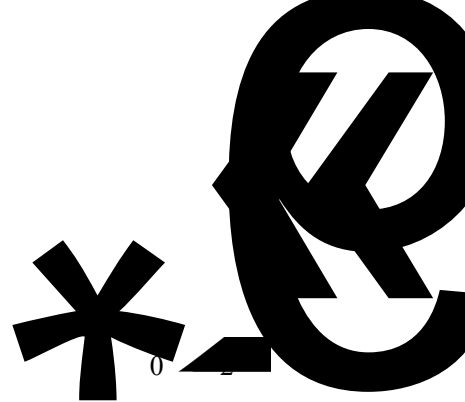
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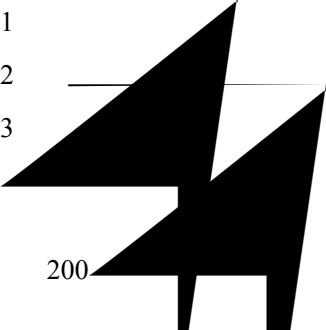
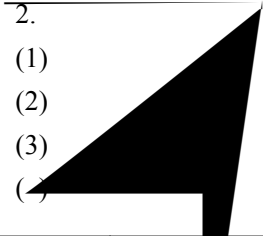


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孙建汉 任士钊 游晓晖

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同意

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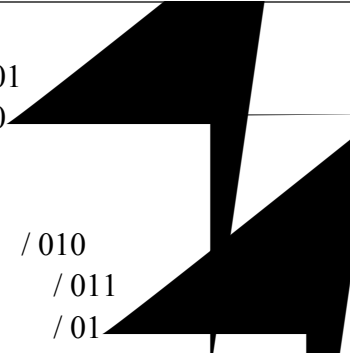
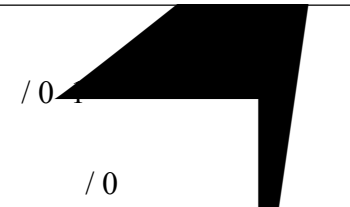
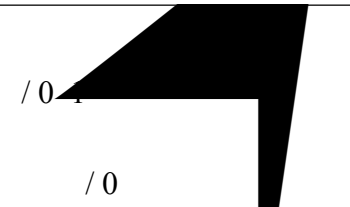



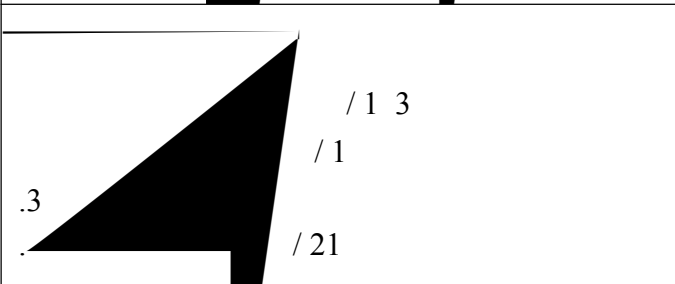
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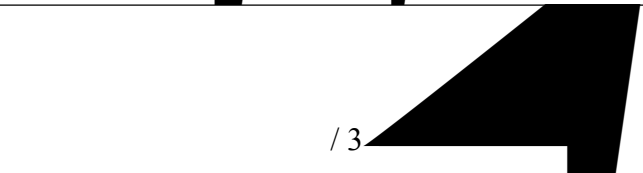


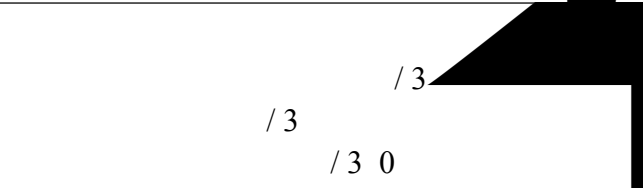


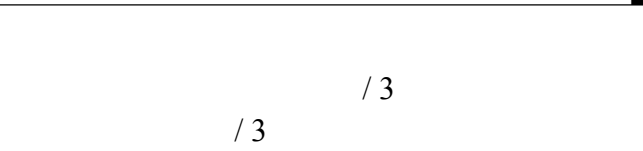


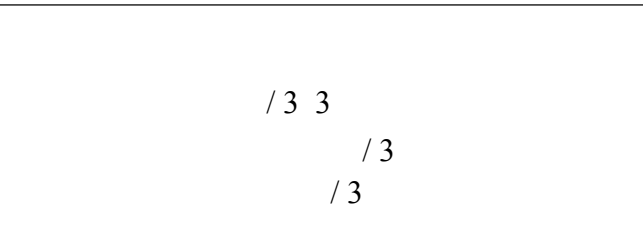


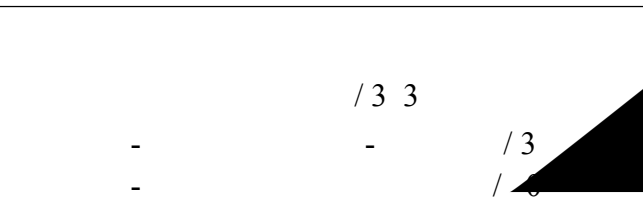


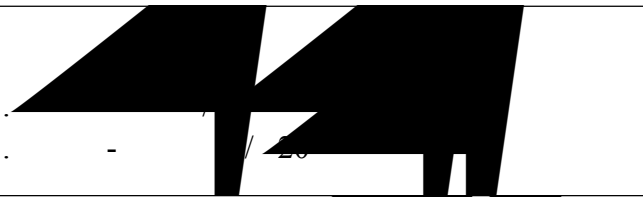


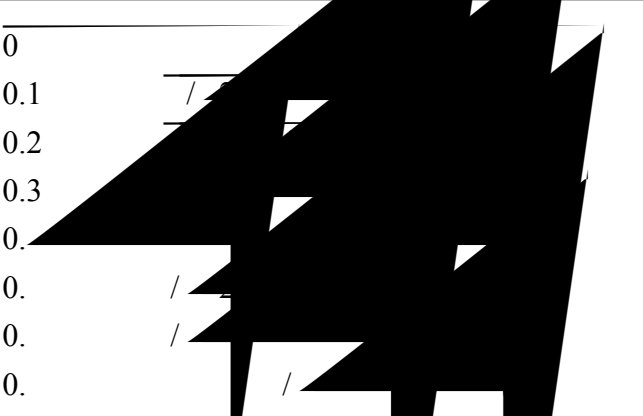


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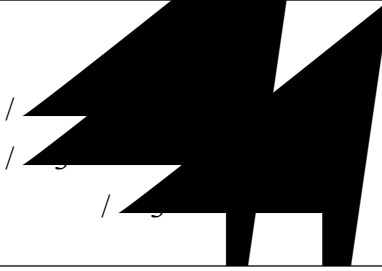
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	3	新材料典型应用实例	5, 6, 7	奉献	培养用于奉献的精神	多媒体研究讨论
H 评价方式	评价目及配分		评价目说明		支撑课程目标	
	平时 (60%)		作业、课堂提问、上课考勤、实 等综合表现。		1	
	期末 (40%)		期末考试卷 成绩		1	
I 建议教材 及学习资料	<b>建议教材:</b> 3 宋晓崑, 等.无机材料科学基础(第二版) .北京: 化学工业出版社.2022. 等.无机材料科学基础实 教程 . 哈尔滨工业大学出版社, 2011.					
	<b>学习资料:</b> 1 陶杰, 姚正军, 薛烽编.材料科学基础 第2版 .北京: 化学工业出版社.201 . 2 胡赓祥, 蔡珣, 史立华编著.材料科学基础 .上海: 上海交通大学出版社.2010. 3 杜丕一, 等.无机材料科学基础 .北京: 中国建材工业出版社.2002. 等.无机材料科学基础教程 .哈尔滨 哈尔滨工业大学出版社.201 .					
J 教学条件 需求	多媒体+实 室					
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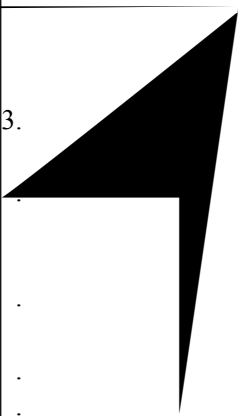
同意

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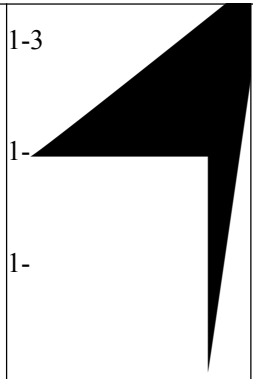
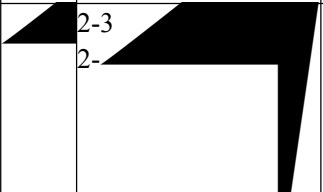





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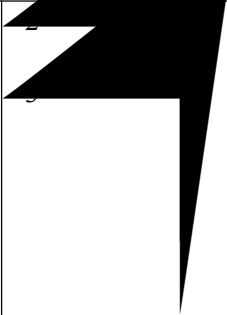

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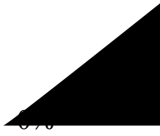


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孙建汉 任士钊

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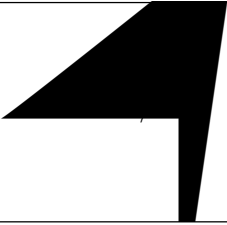




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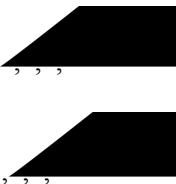

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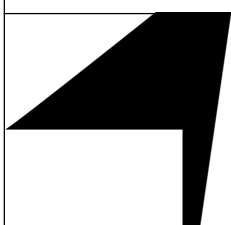
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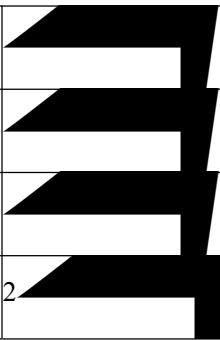







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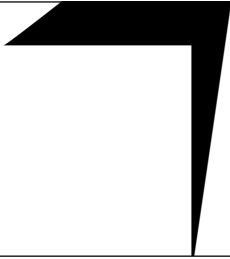



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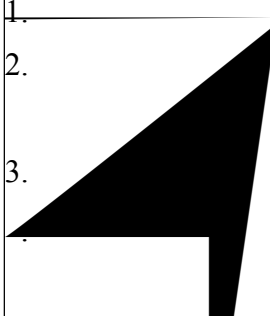
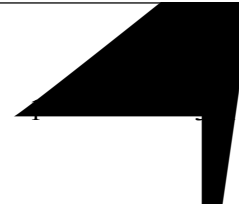
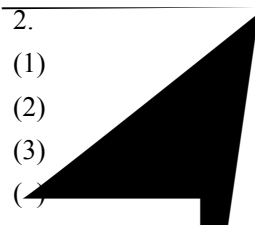
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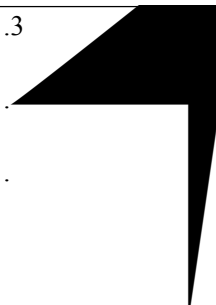
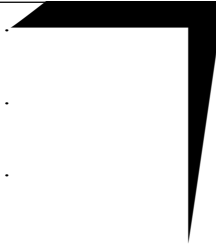
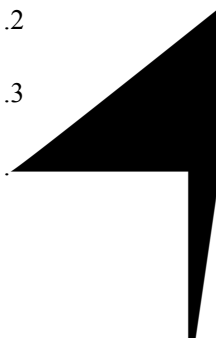
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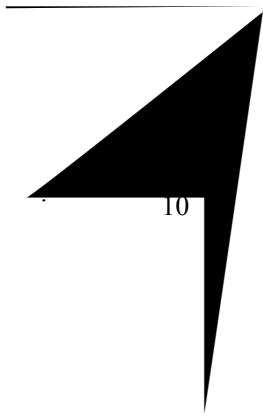
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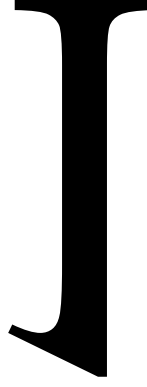
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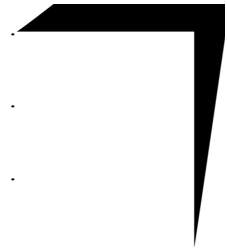
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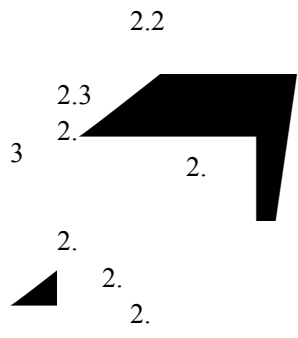
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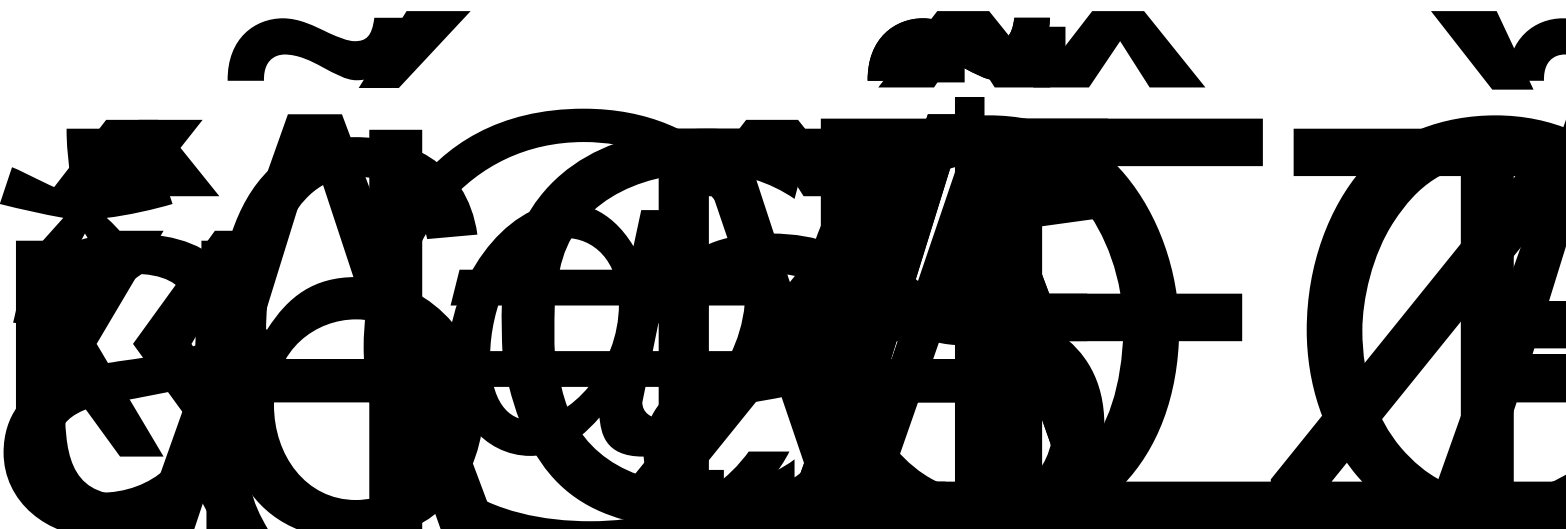
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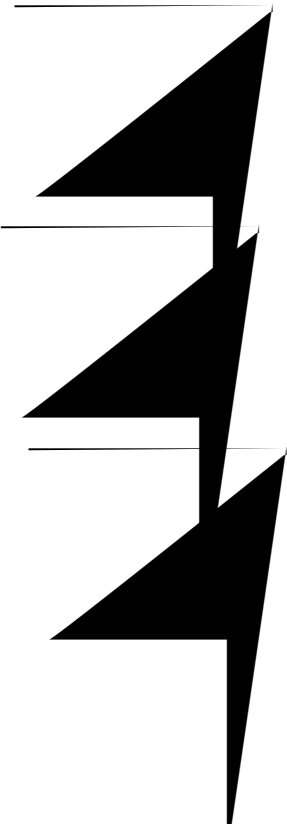
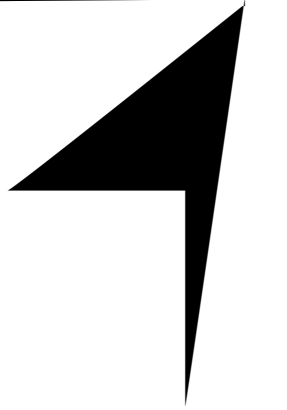
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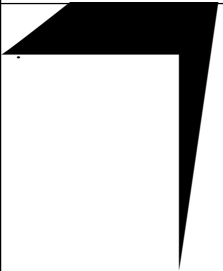


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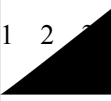
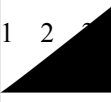
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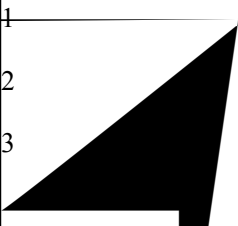
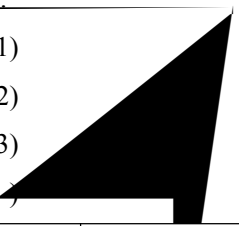
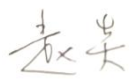




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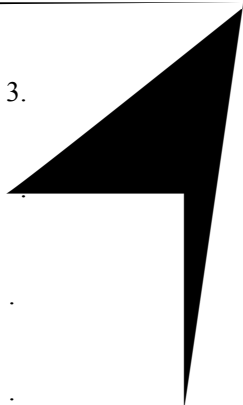
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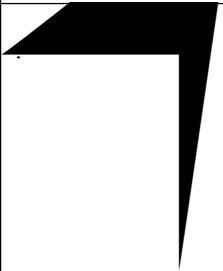



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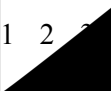
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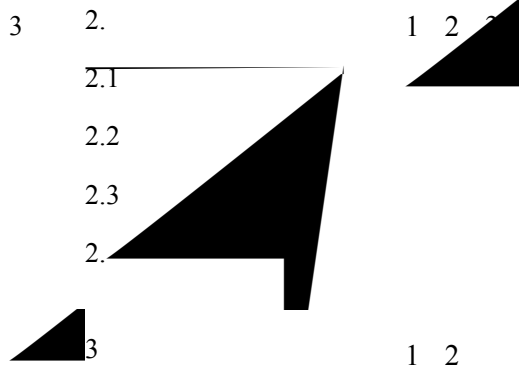
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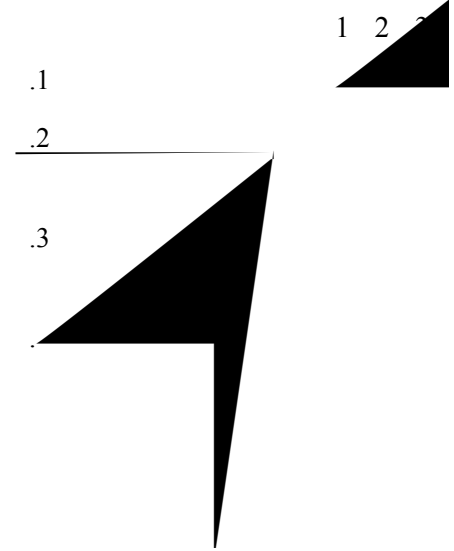
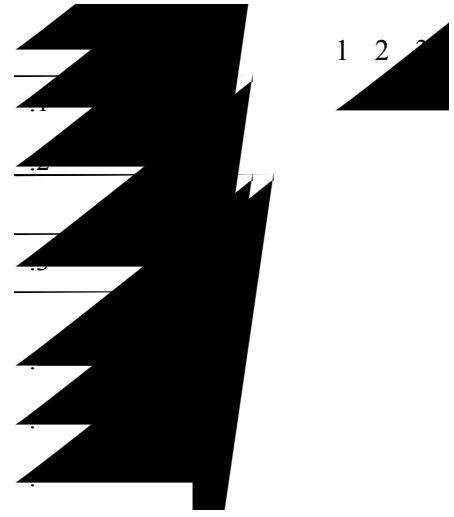
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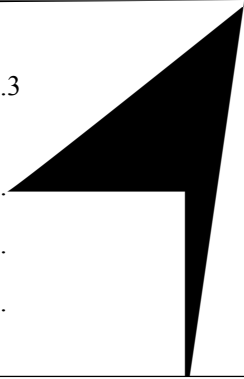

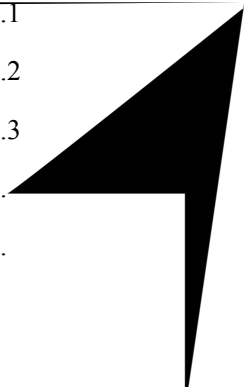
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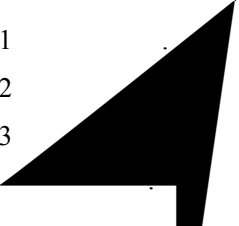


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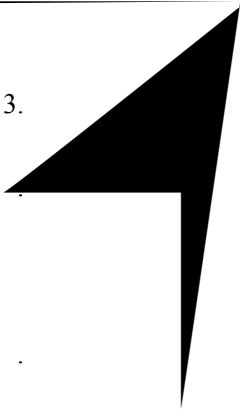
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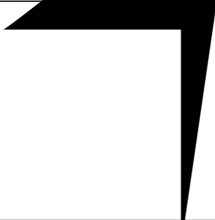









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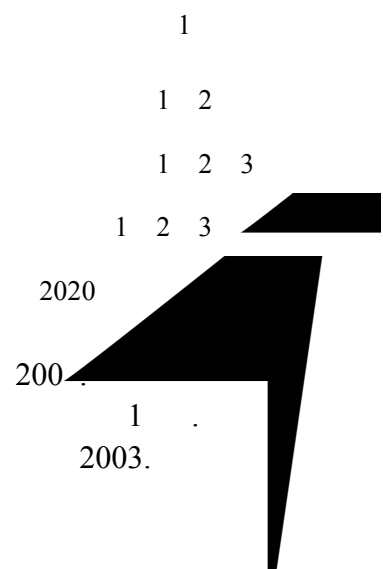
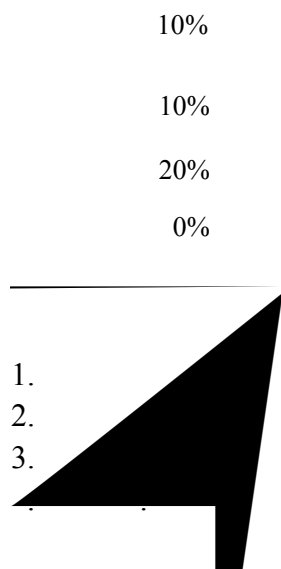
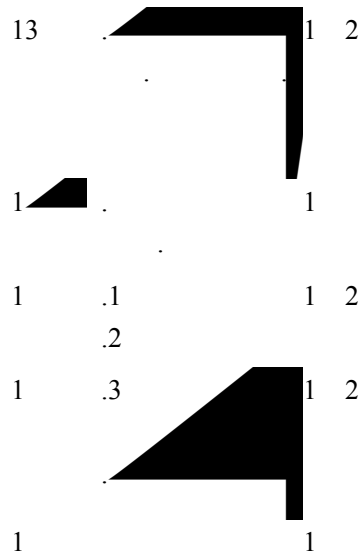
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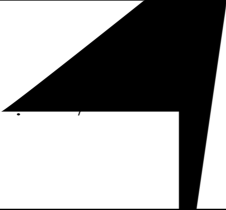

同意.

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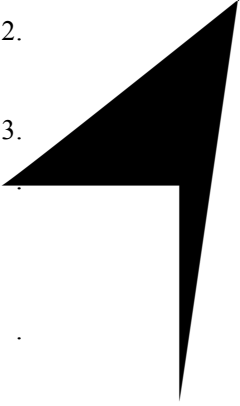
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