

Казанский государственный энергетический университет

Кафедра инженерной графики

«Инженерное геометрическое моделирование»

Методические указания к лабораторной работе № 2

«Цифровые конструкторские документы деталей»

Задача 21 - 2022



Казань 2022

Цель лабораторной работы является формирование у студентов цифровой проектно-конструкторской компетенции в соответствии требованиями современных высокотехнологичных цифровых производств, стандартов ЕСКД и положений ФГОС ВО по направлению подготовки будущего специалиста на репродуктивном уровне.

Задачи

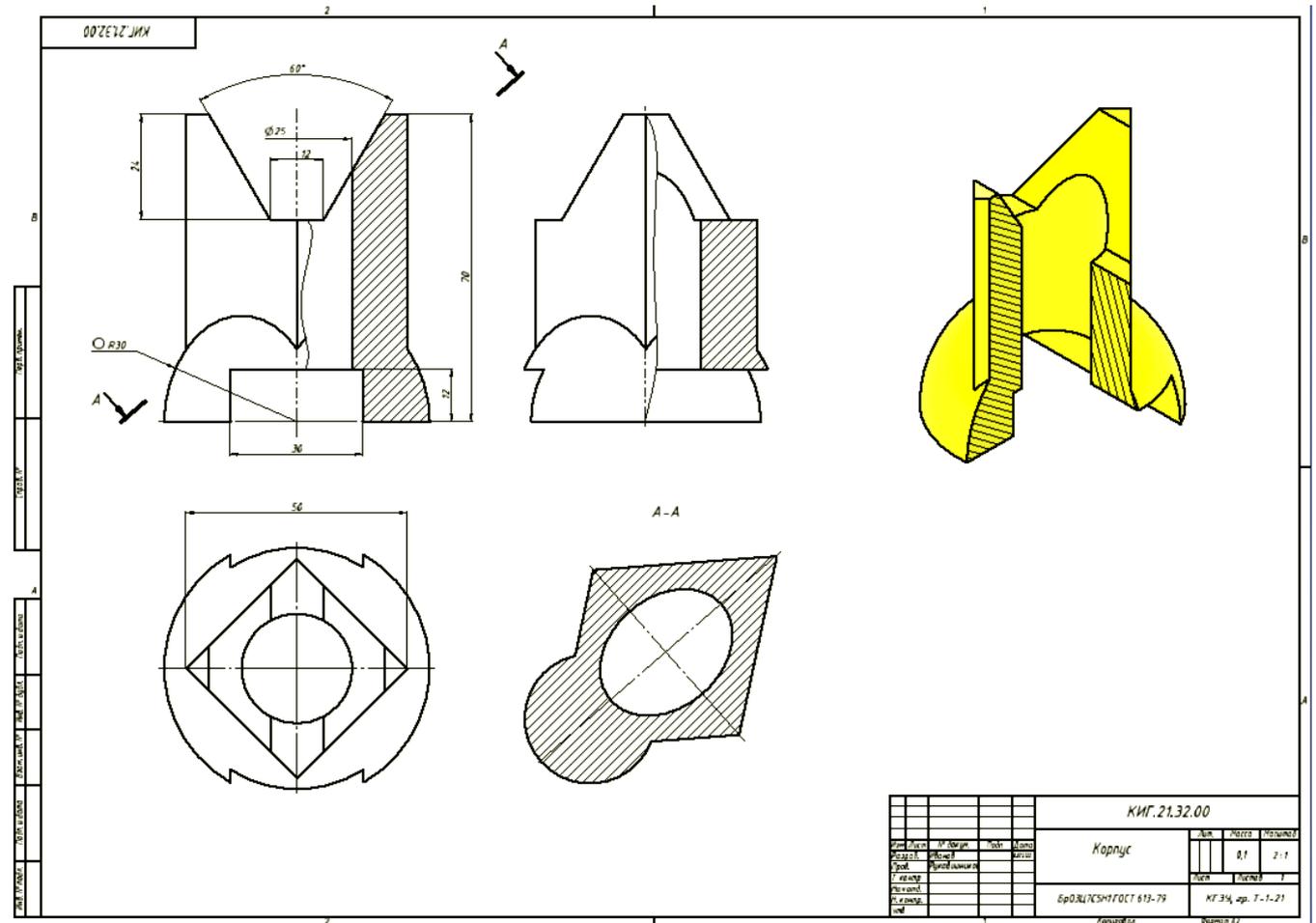
Освоить и использовать в своей профессиональной деятельности:

- современные цифровые технологии создания цифровых 3D моделей и электронных чертежей технических деталей;

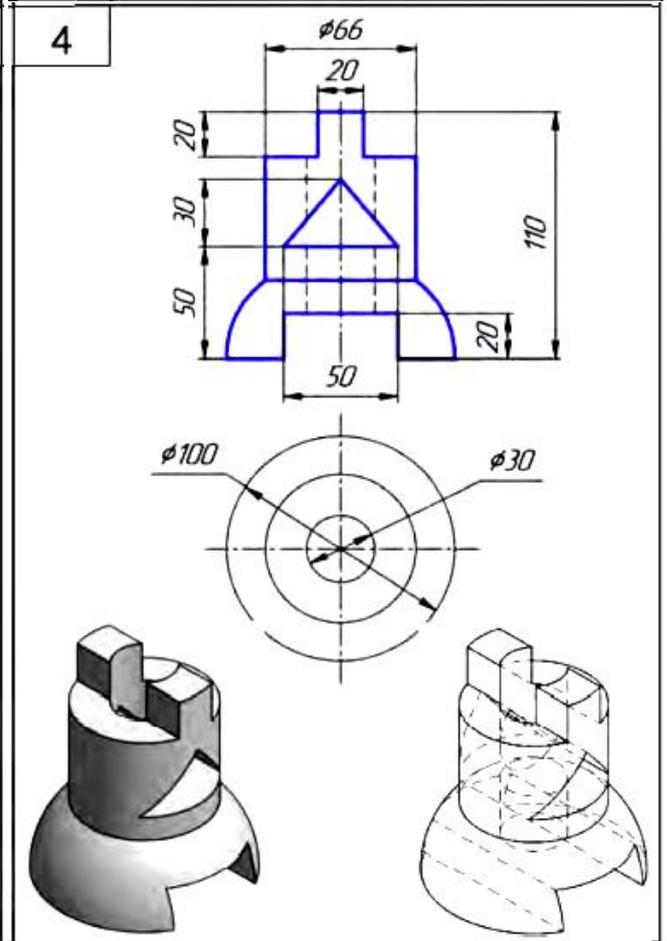
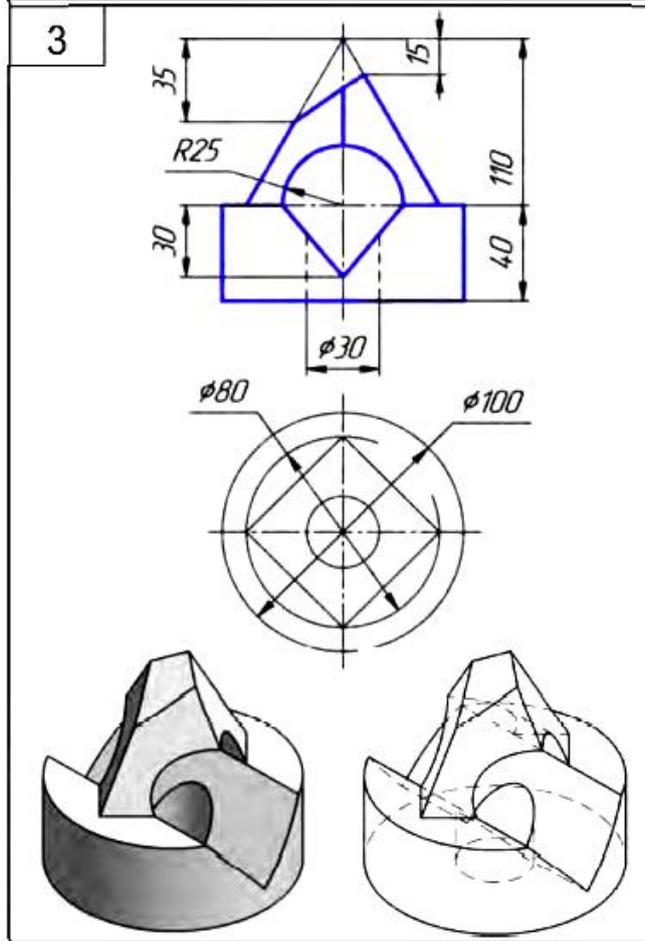
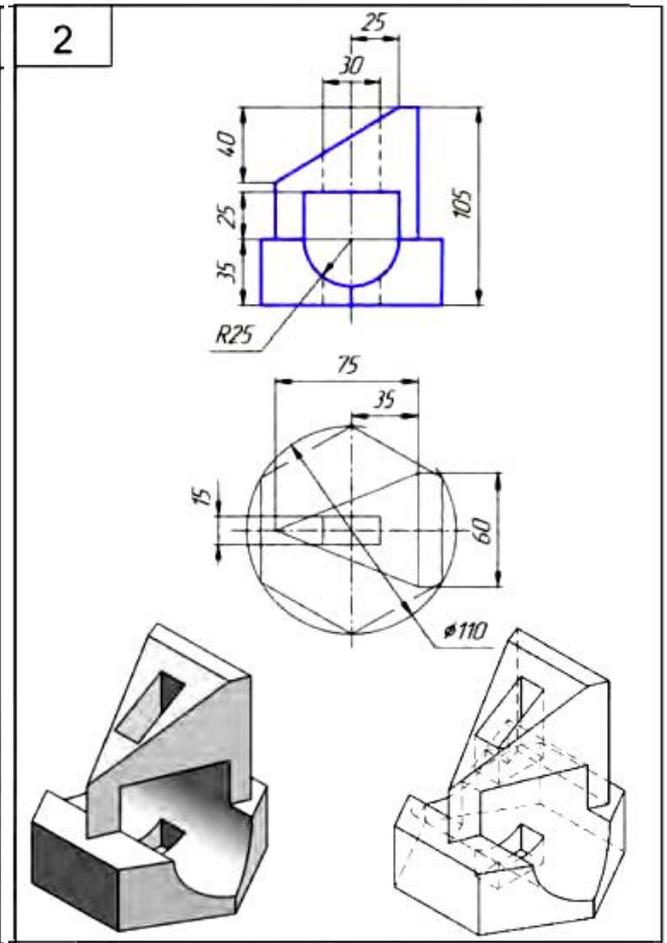
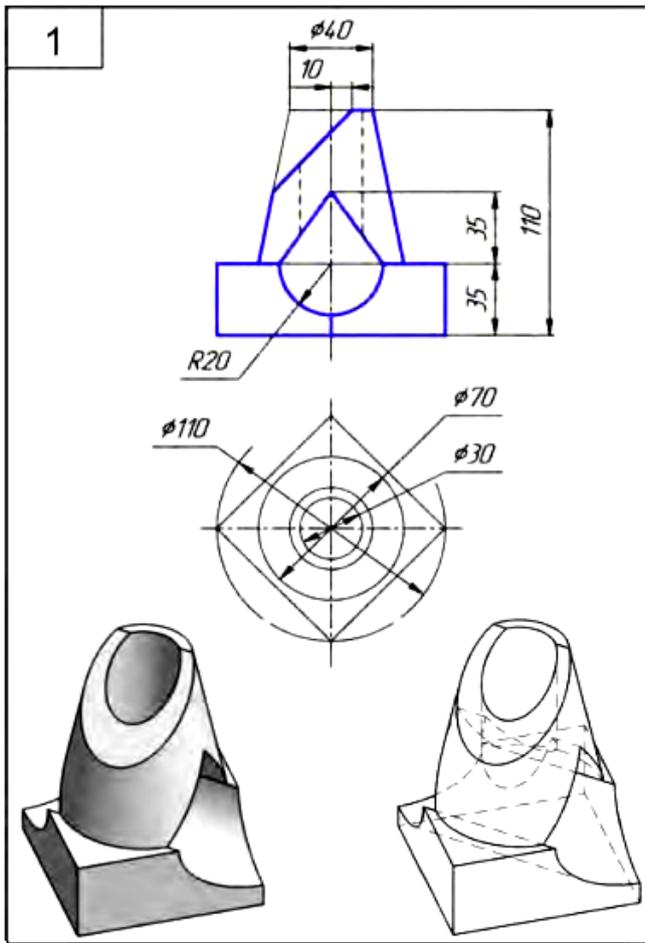
- правила оформления современной цифровой конструкторской документации в соответствии с требованиями ЕСКД;

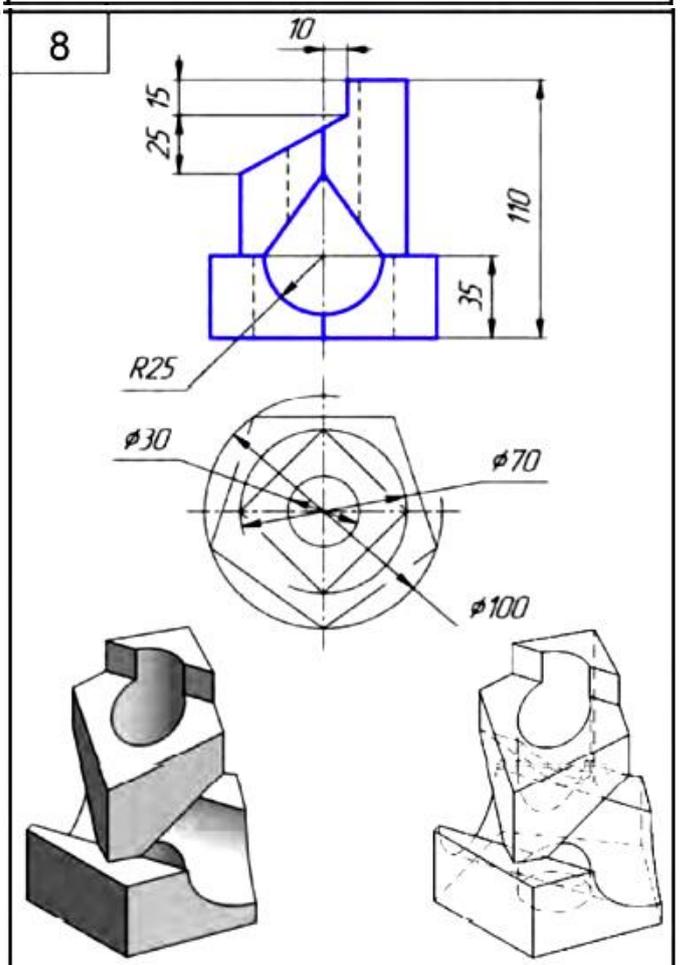
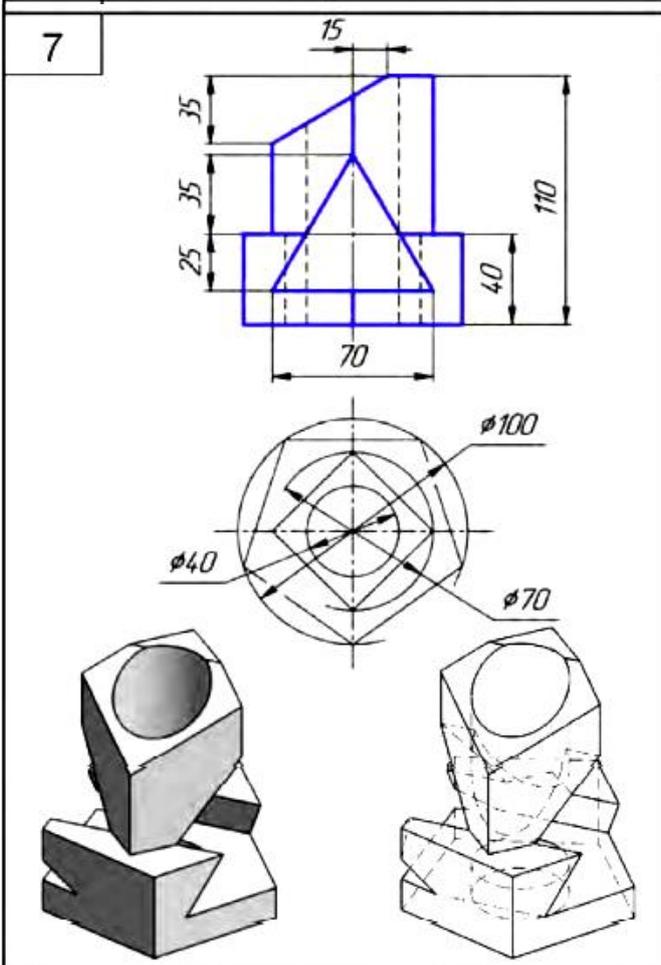
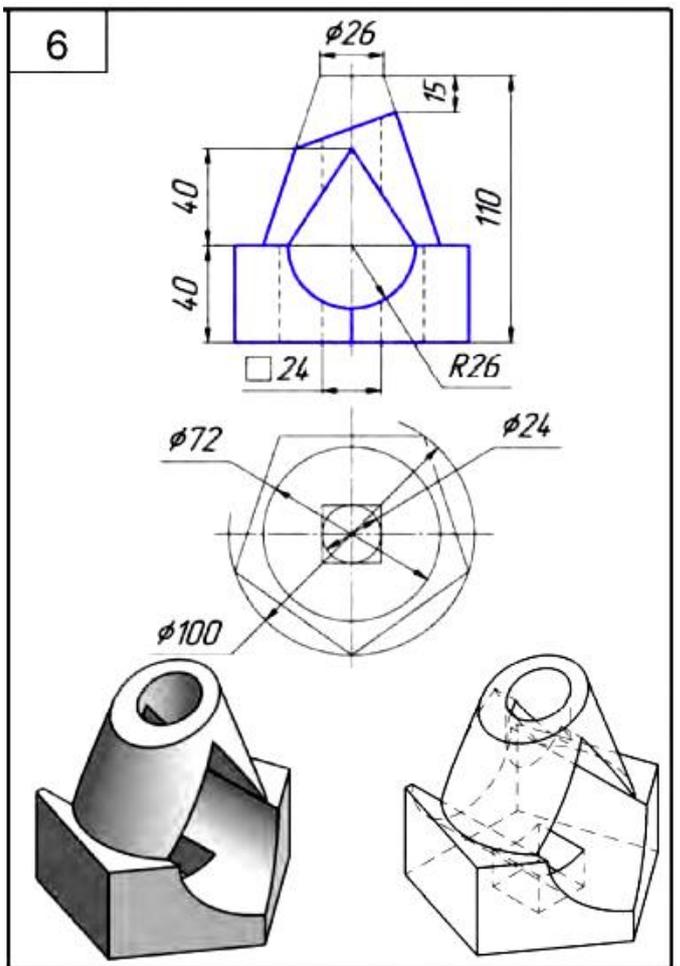
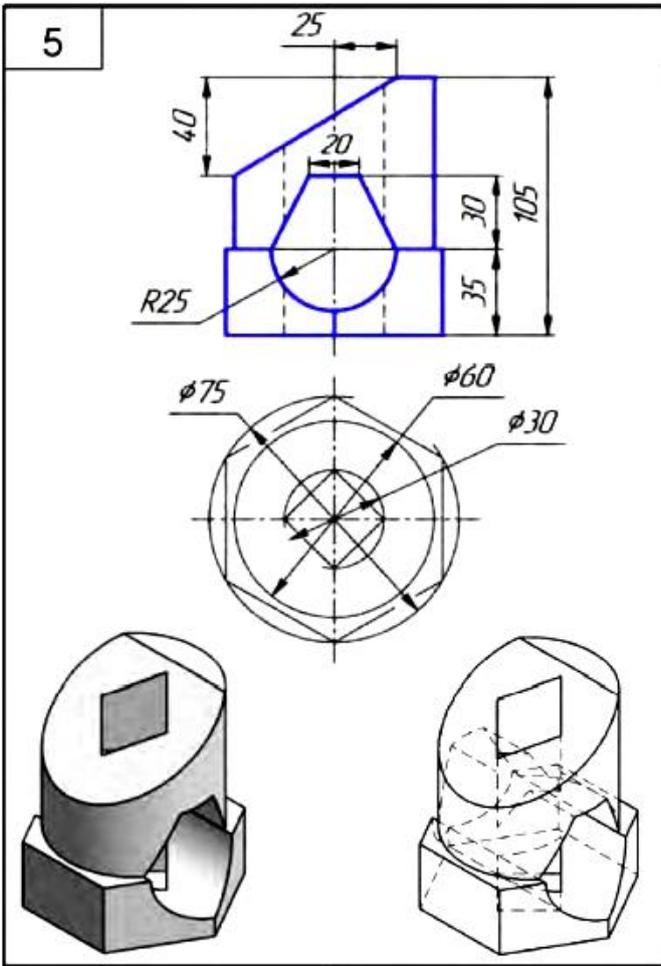
- технологии создания 2D цифровых конструкторских документов технических деталей по их 3D цифровым моделям.

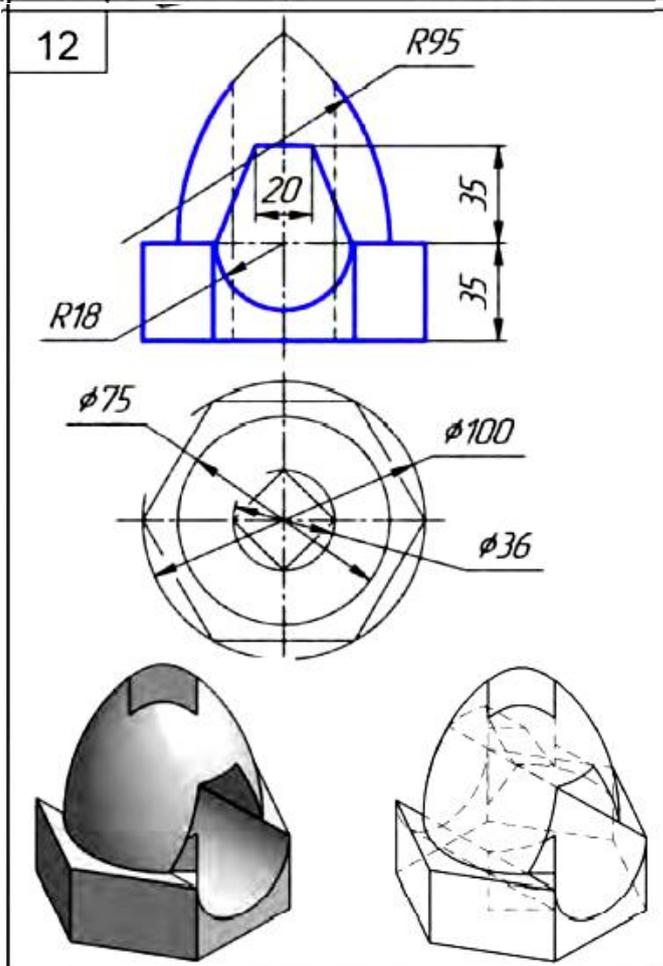
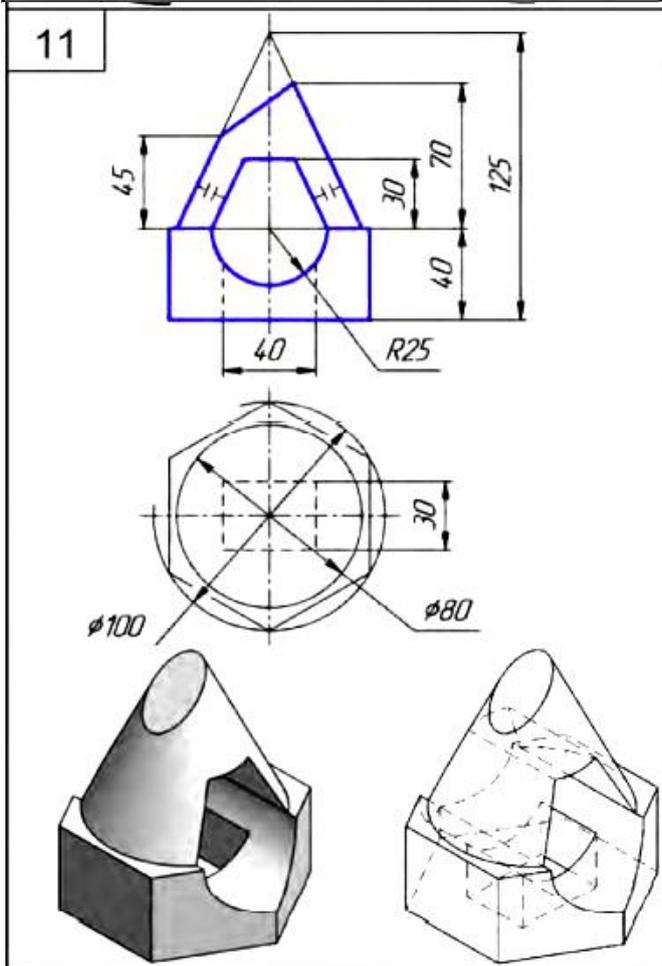
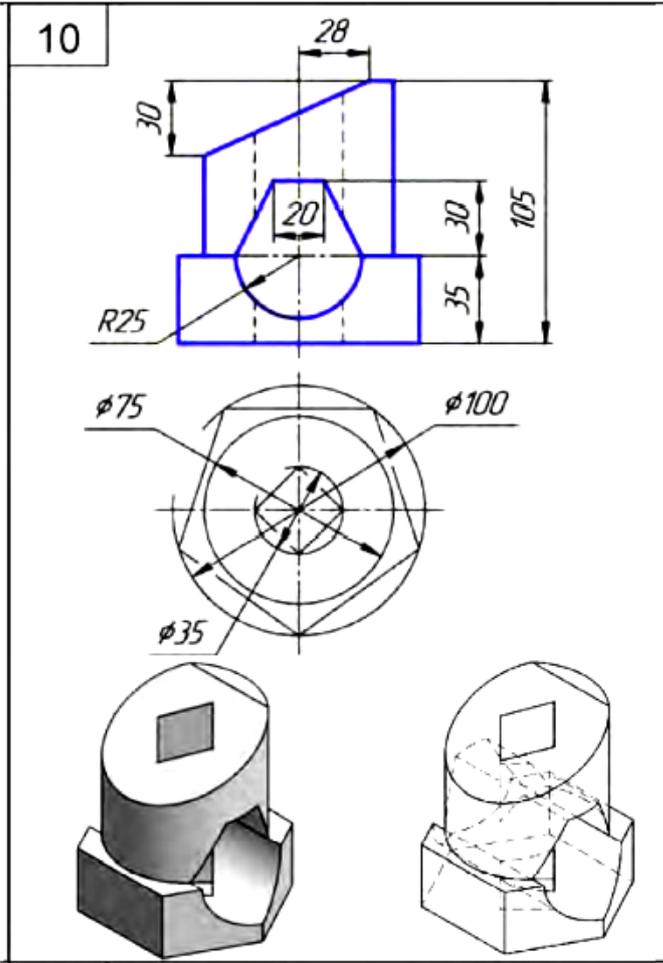
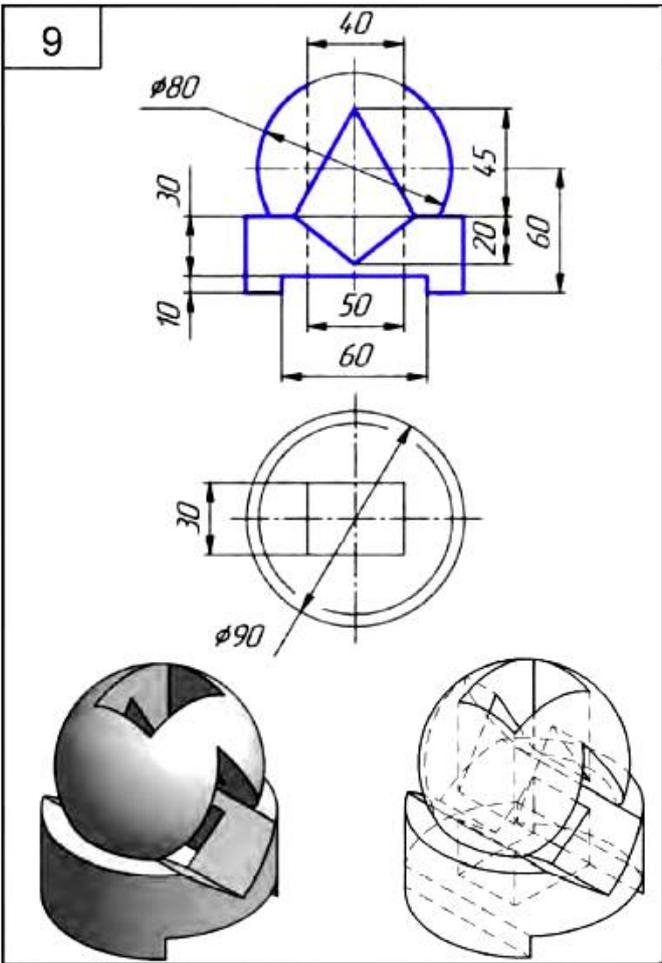
**Пример выполнения
Задача 32**

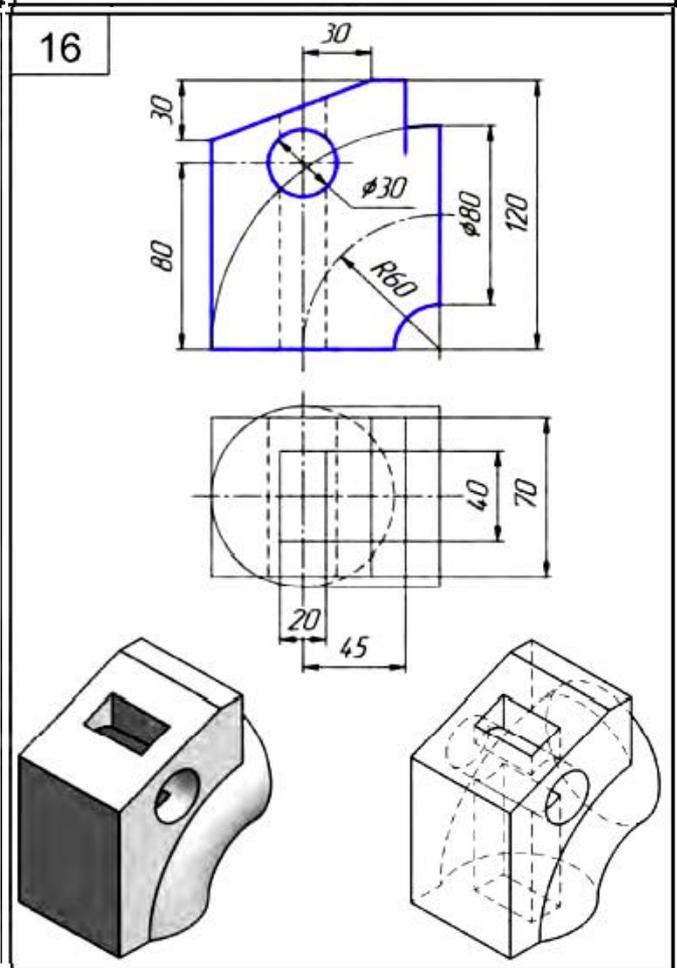
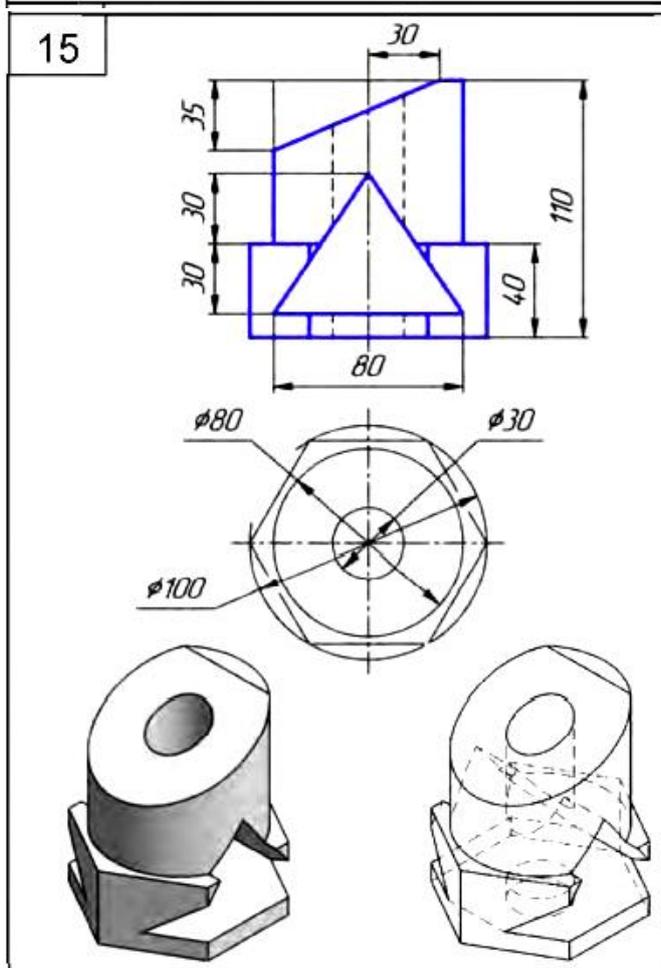
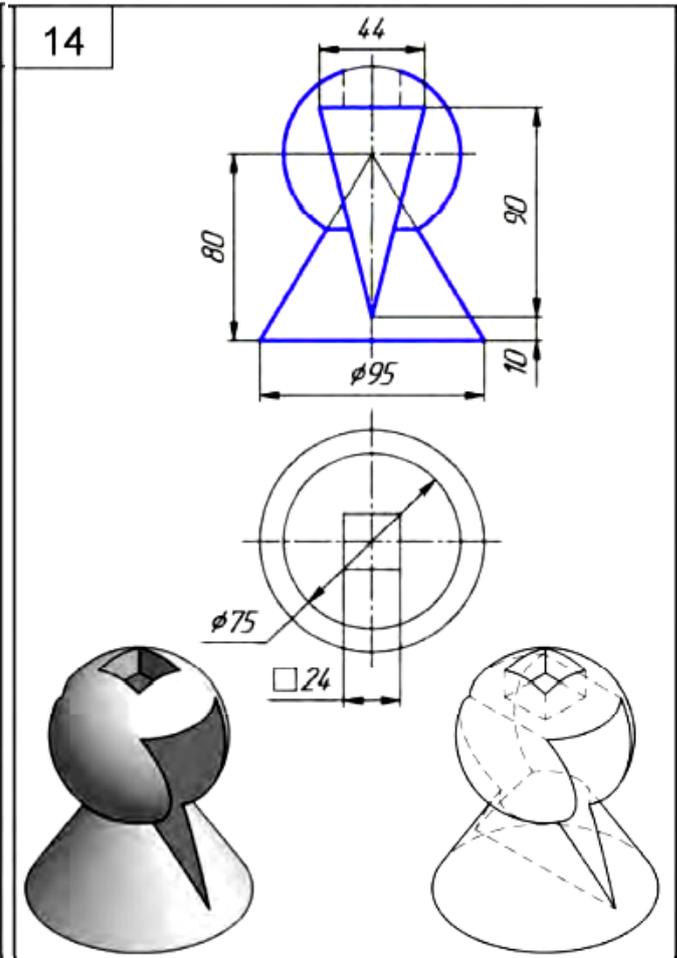
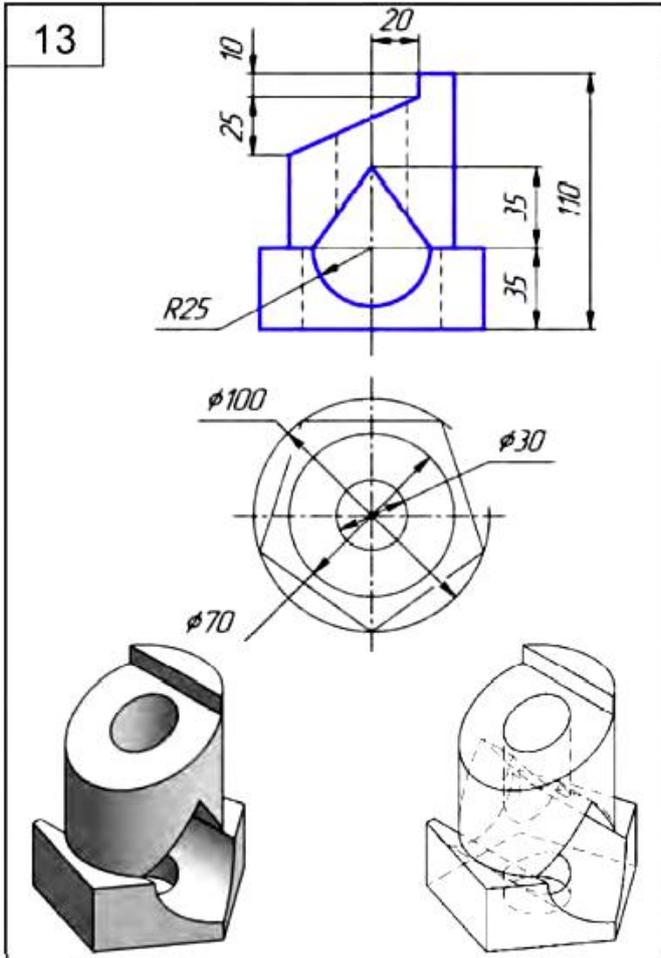


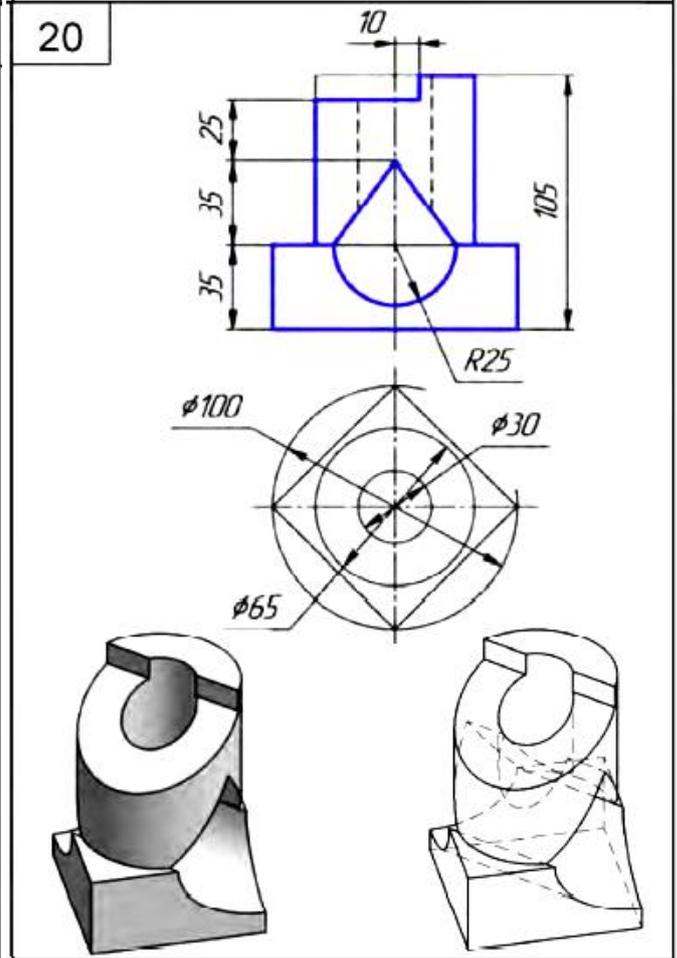
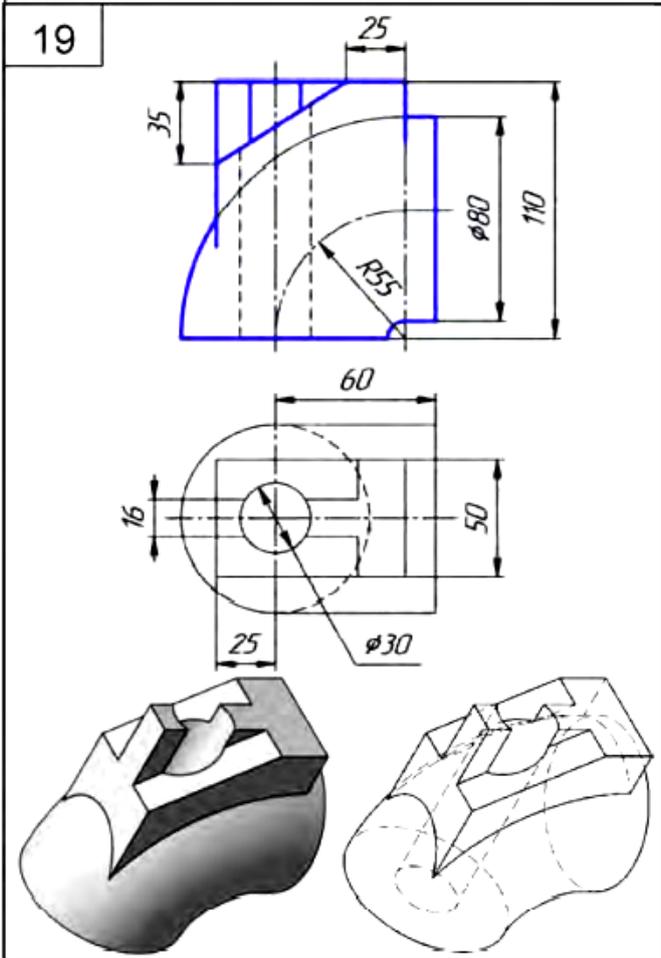
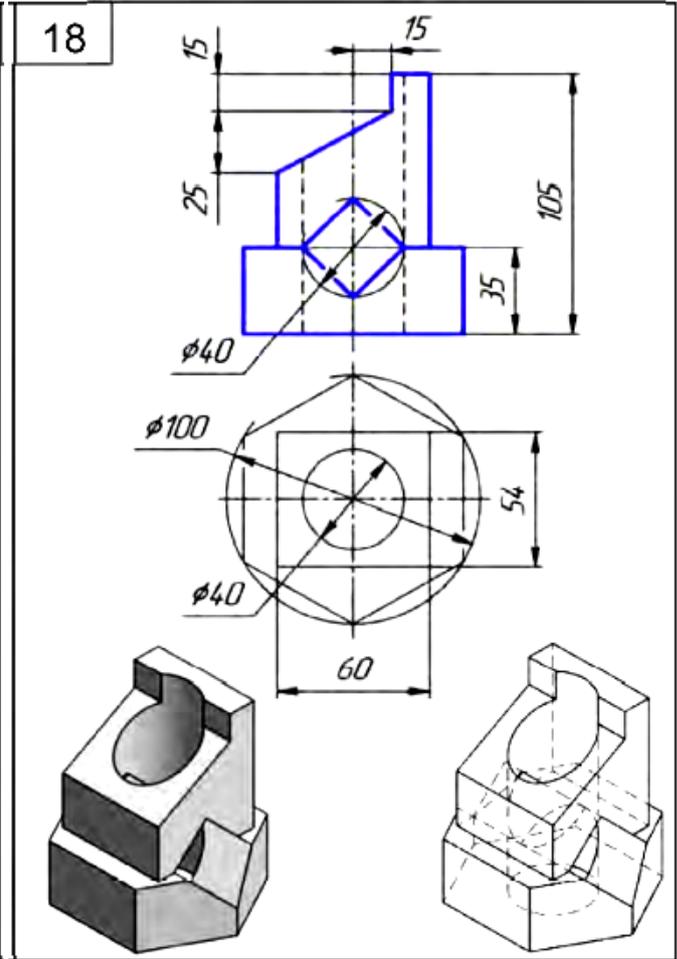
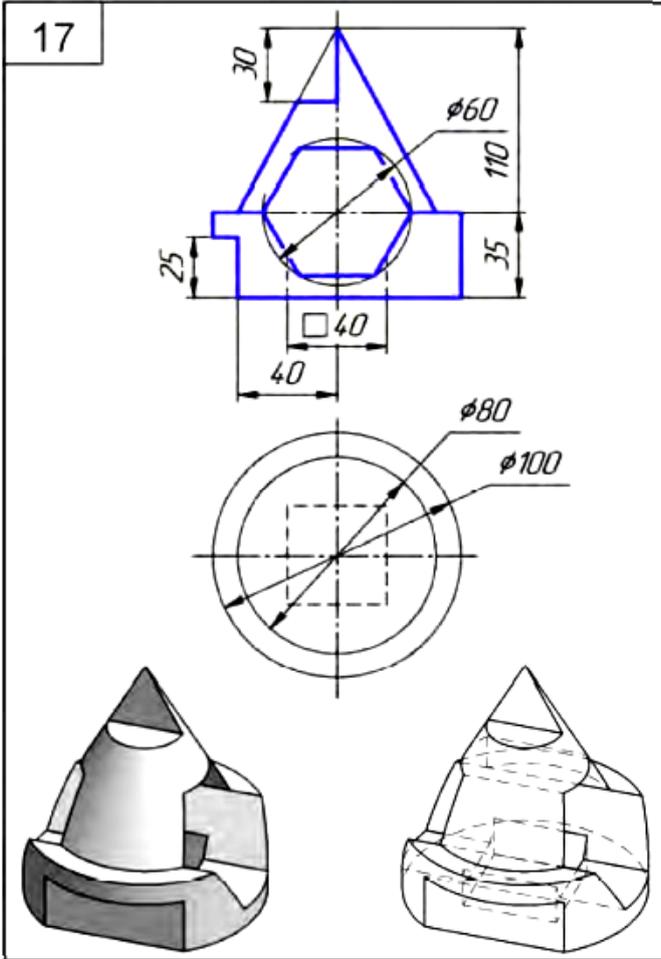
					КИГ.21.32.00			
<i>Изм.</i>	<i>Лист</i>	<i>№ докум.</i>	<i>Подп.</i>	<i>Дата</i>	Корпус	<i>Лит.</i>	<i>Масса</i>	<i>Масштаб</i>
<i>Разраб.</i>	<i>Иванов</i>			<i>10.02.2022</i>			<i>0,1</i>	<i>2:1</i>
<i>Пров.</i>	<i>Рукавишников</i>				<i>Лист</i>	<i>Листов</i>	<i>1</i>	
<i>Т. контр.</i>					Бр03Ц7С5Н1ГОСТ 613-79			
<i>Нач.отд.</i>					КГЭУ, зр. Т-1-21			
<i>Н. контр.</i>								
<i>Утв.</i>								



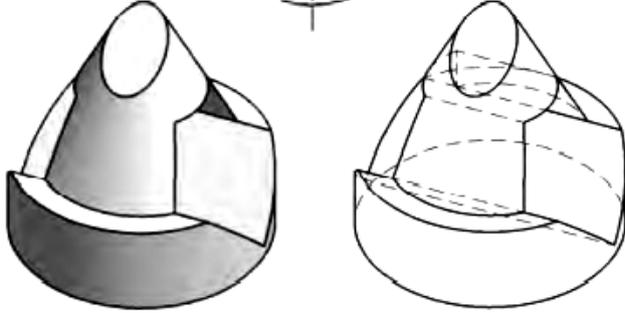
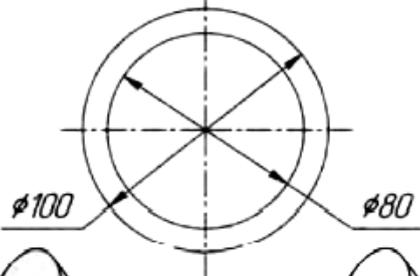
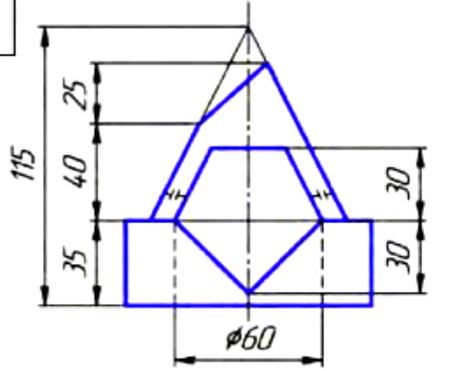




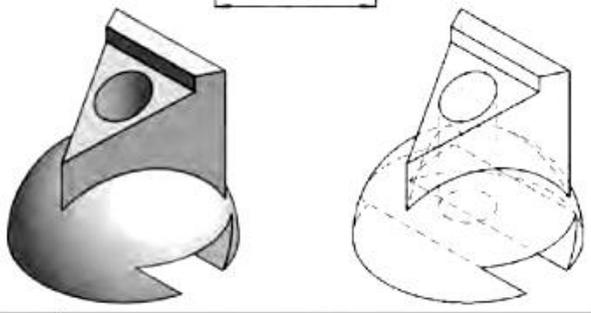
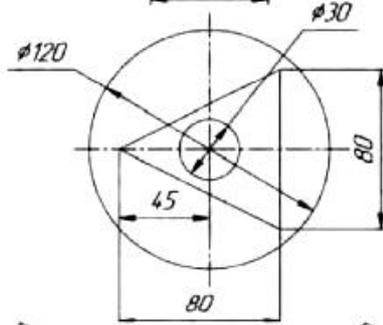
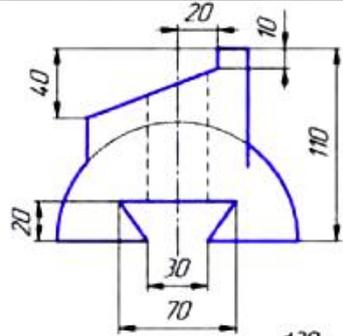




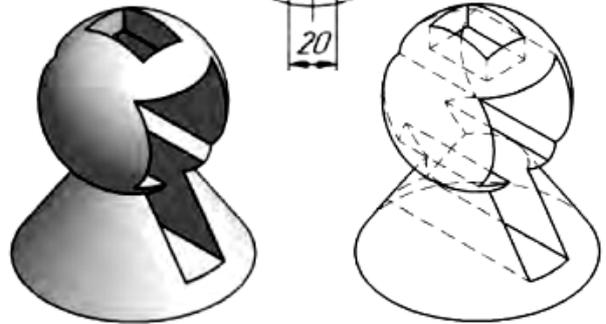
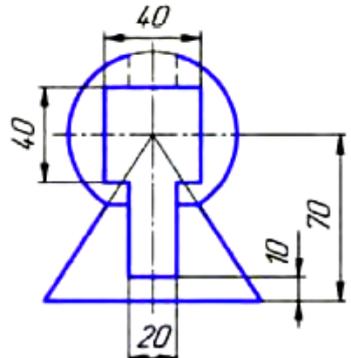
21



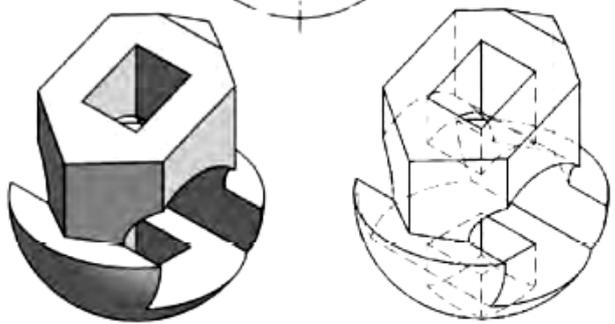
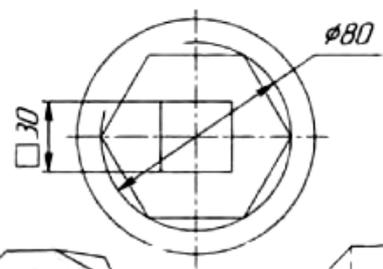
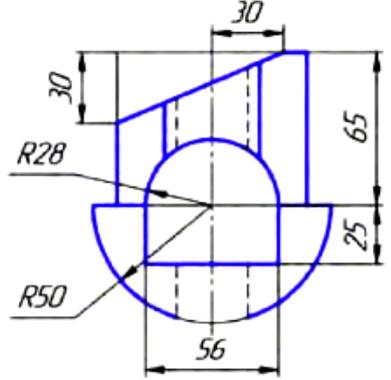
22



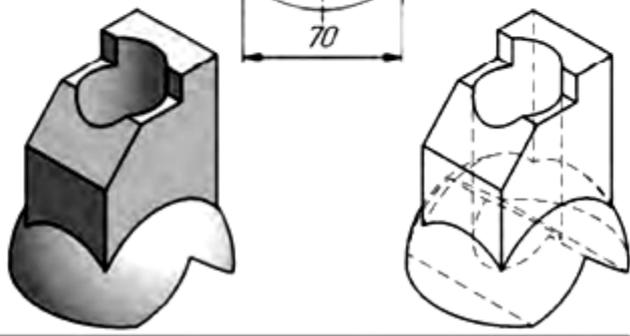
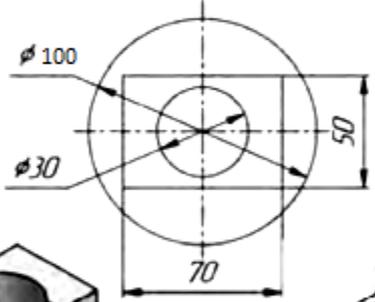
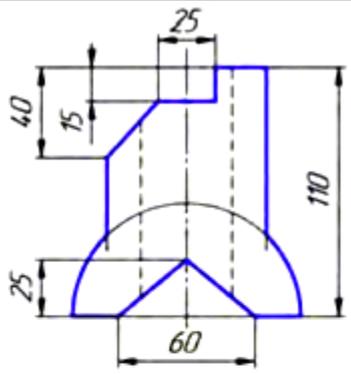
23



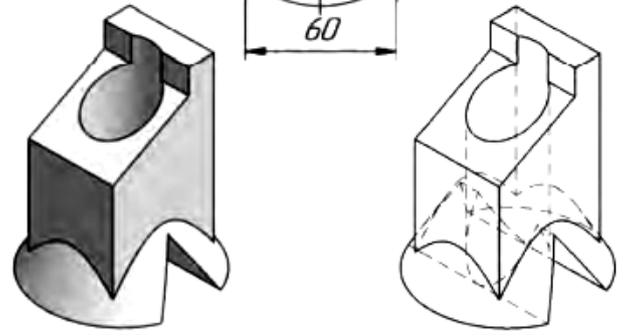
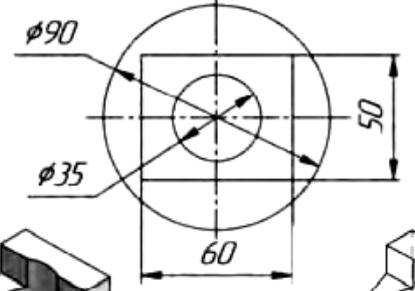
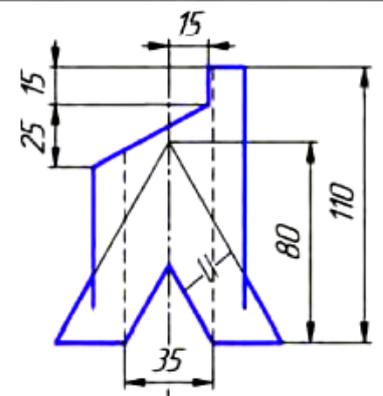
24



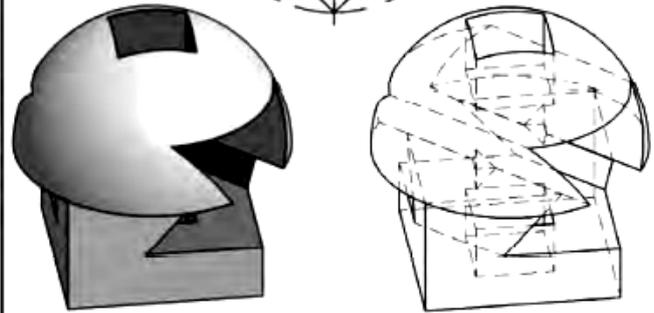
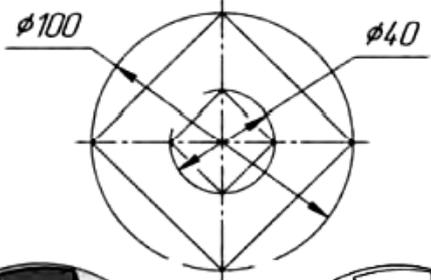
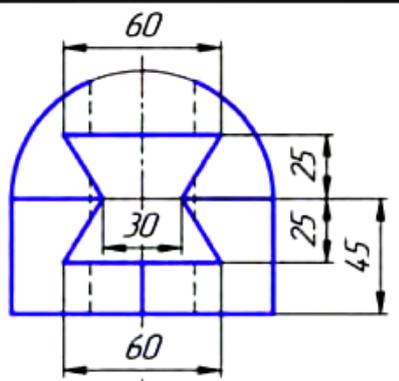
25



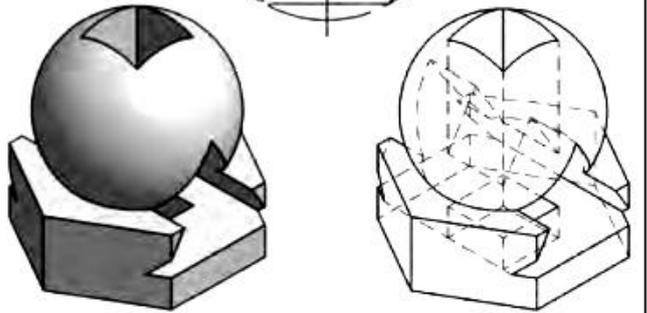
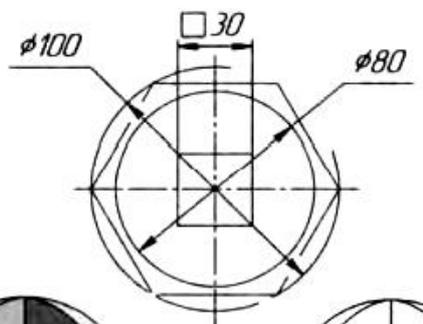
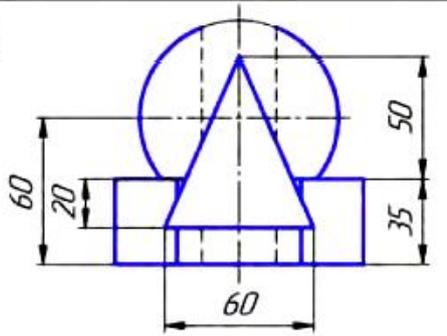
26

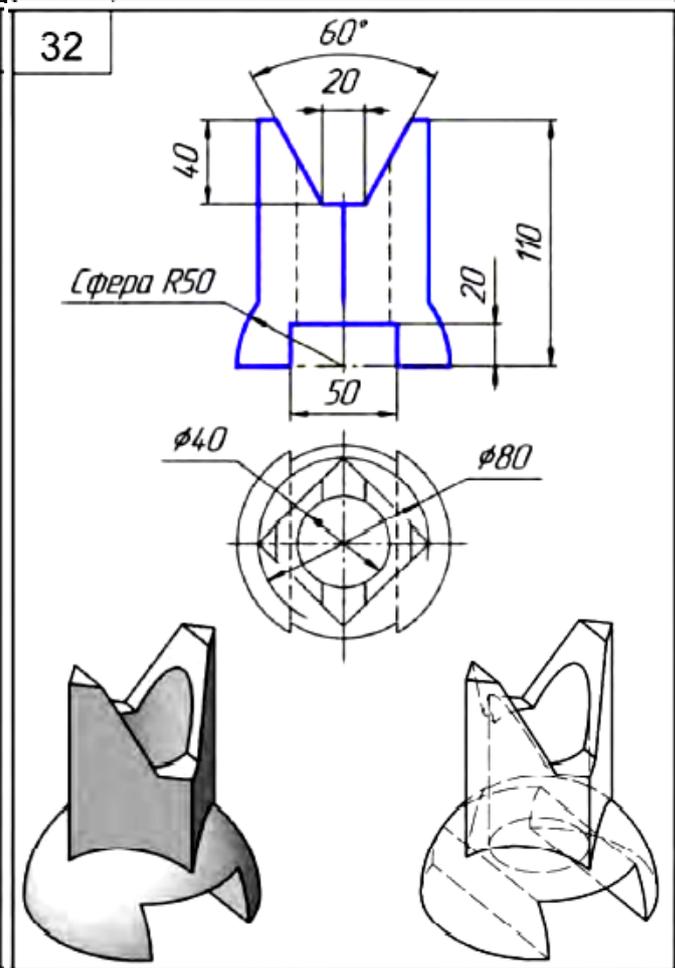
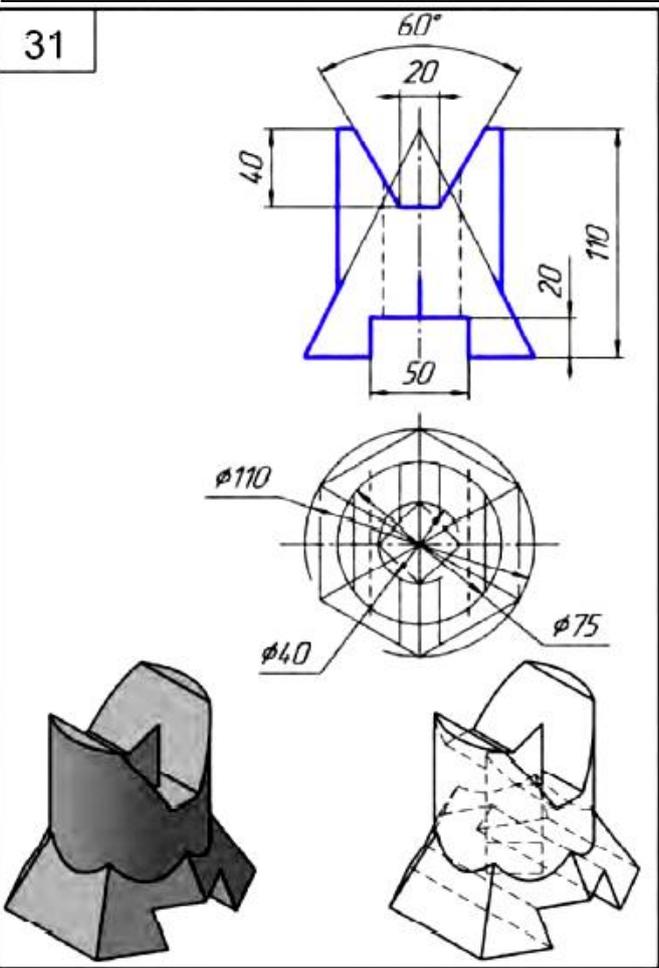
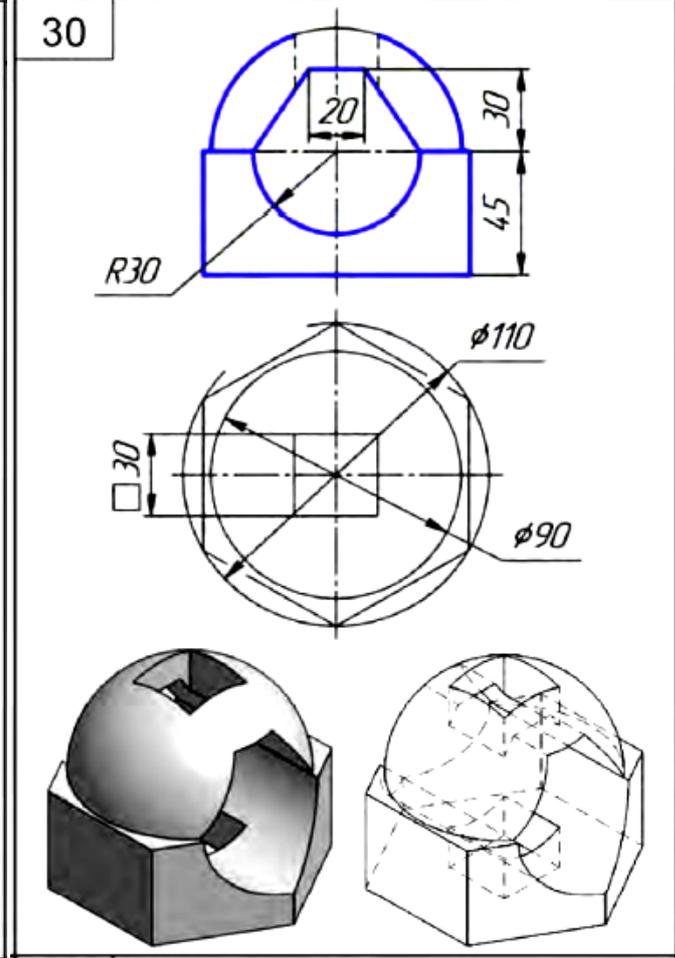
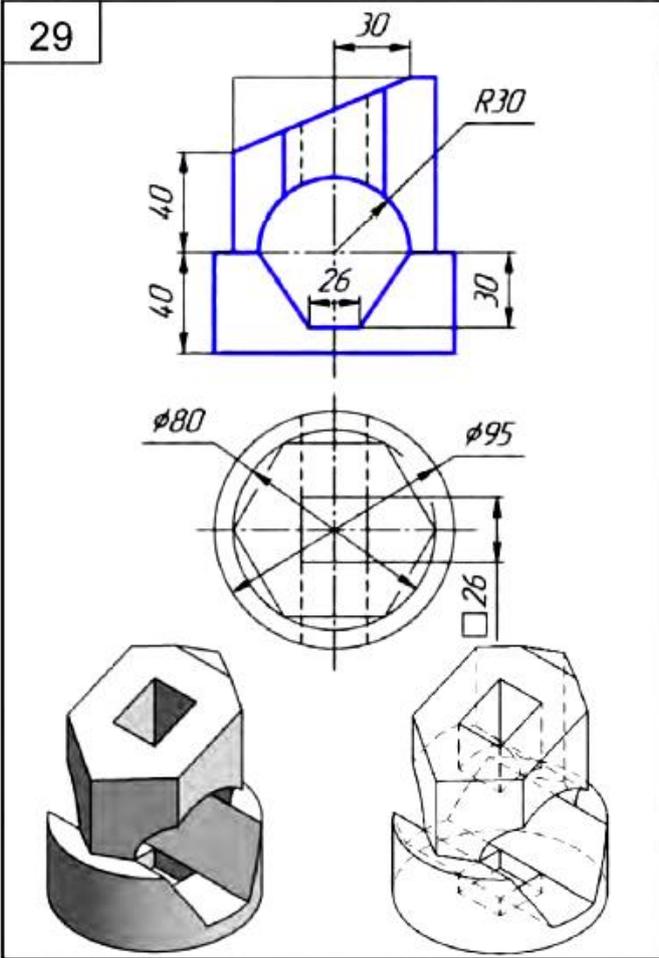


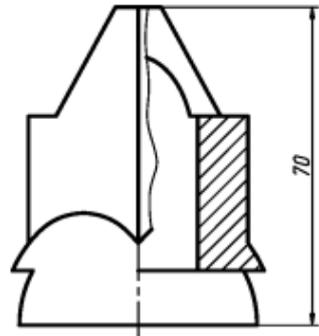
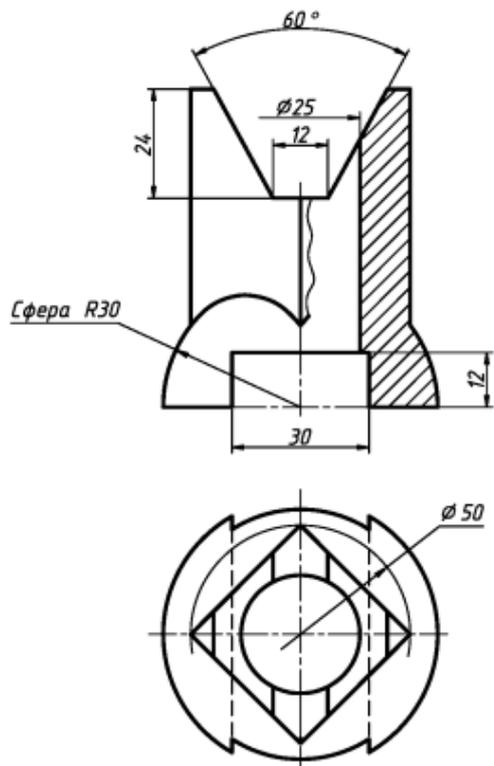
27



28







					БНТУ.000000.000			
Имя файла	№ докум.	Подп.	Лист		Тело геометрическое комбинированное	Лист	Масса	Масштаб
Разработ.								1:1
Проф.						Лист	Листов	1
Техник.						зр.		
Машин.								
Стенд.								