

الفصل الثاني

نماذج لرسم المركبات

* السيارات

* عربات

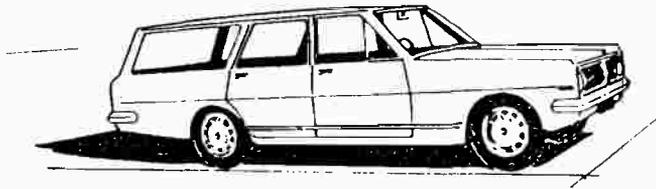
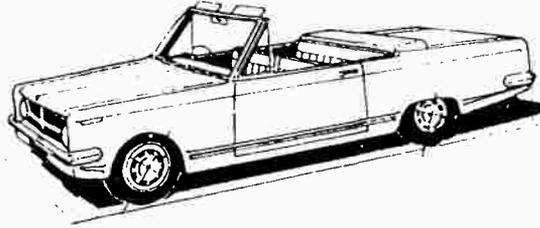
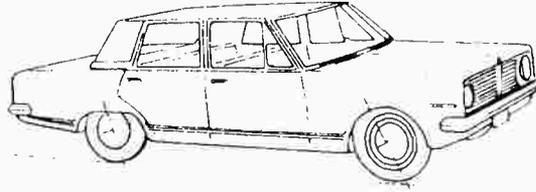
الأتوبيس

* القطارات

* الطائرات

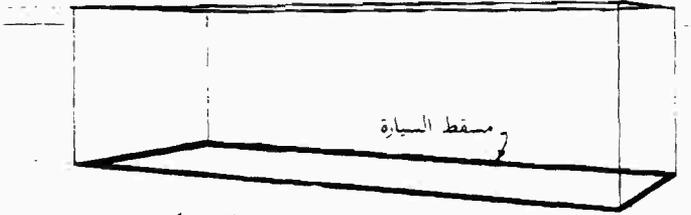
* البواخر

لعل أصعب جزء لإعطاء مظهر حقيقي للسيارة هو العجلات لكونها دائرية والتي نادرا ما تظهر بشكلها الدائري في المنظور وإنما تظهر بشكل قطع ناقص ، ولرسمها من الضروري تعيين المحاور التي تستند عليها وبالتالي يرسم المحور الرئيسي للقطع الناقص أى العجلة متعامدا مع محور الاستناد ، ثم يرسم المحور الصغير للقطع الناقص متعامدا مع المحور الرئيسي ثم يرسم القطع الناقص باليد الحرة ويبدو الرسم باليد الحرة صعبا للوهلة الأولى ولكن بالتمرين يبدو أكثر سهولة .



شكل رقم (٨٥)

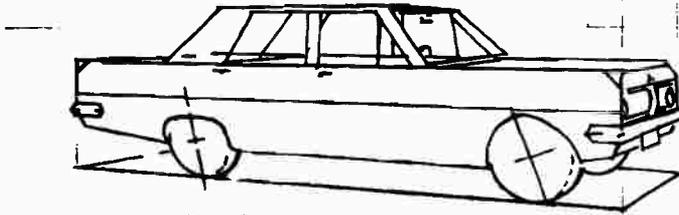
رسم تفاصيل العجلة تعود لذوق الرسام لكن من المحبب دائما أن تبقى بشكل بسيط، وتظل العجلات أحيانا لتقديم شكل أوضح .



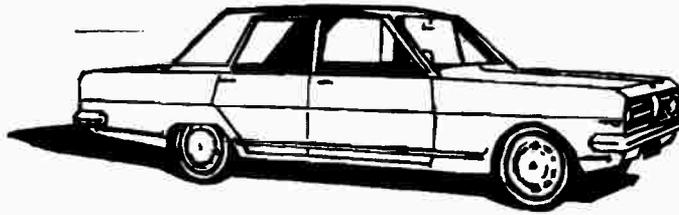
التمرين 1



التمرين 2



التمرين 3

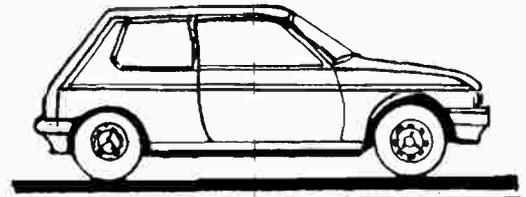
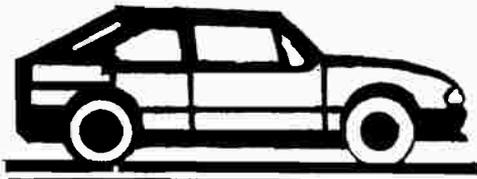
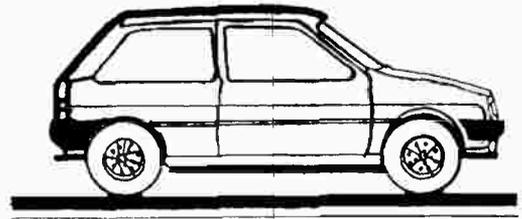
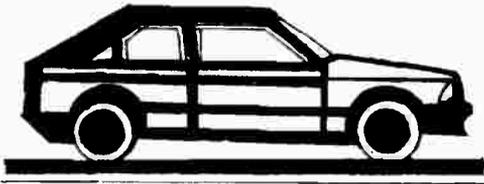
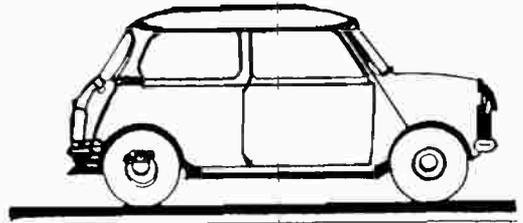
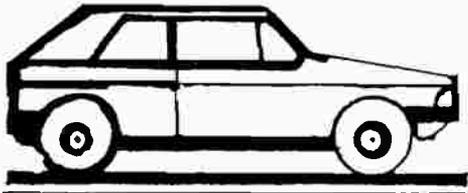
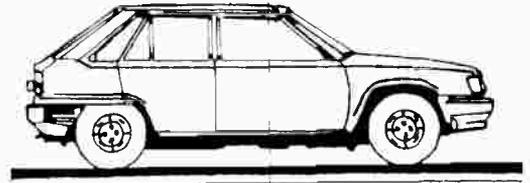
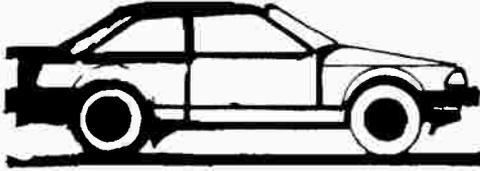
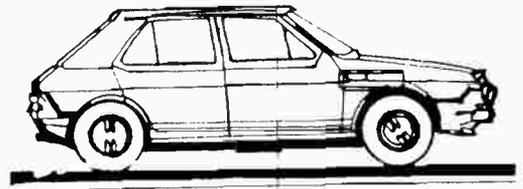
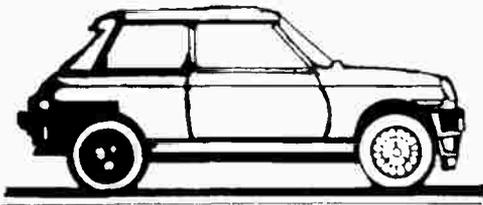


التمرين 4

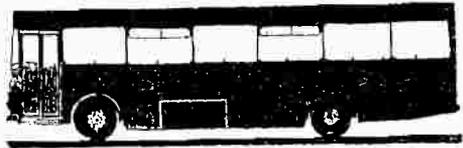
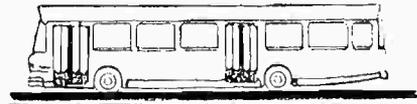
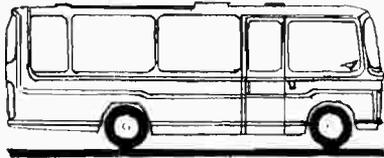
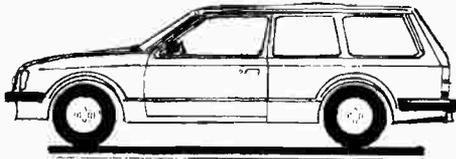
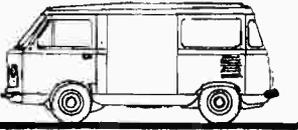
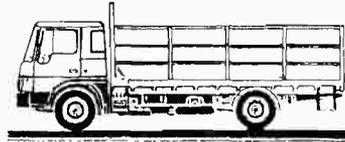
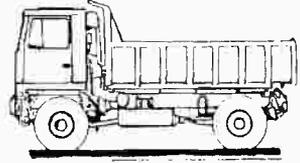
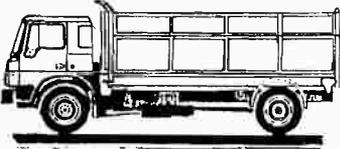
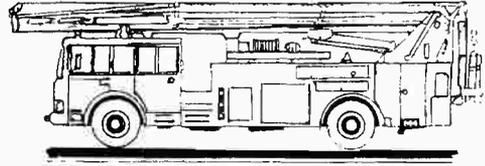
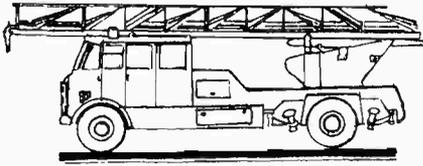
نهاية الرسم

رسم السيارات بواسطة الشكل الصندوقي البسيط

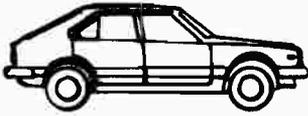
شكل رقم (٨٦)



شکار پرده (۱۷)



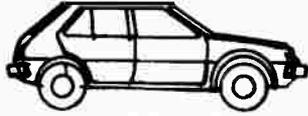
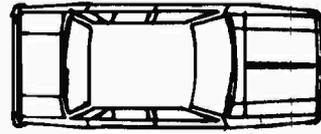
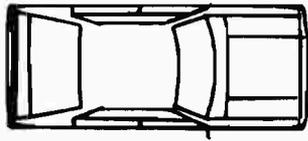
شکل رقم (۸۸)



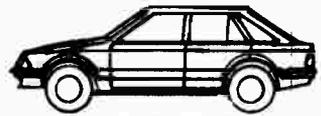
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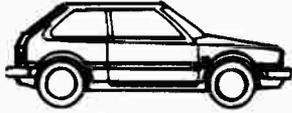
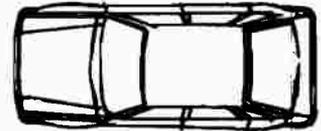
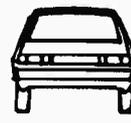
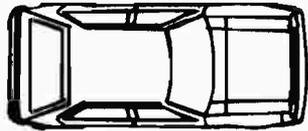
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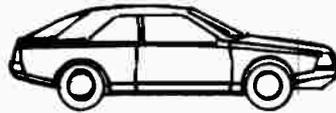
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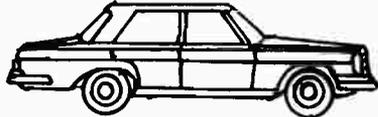
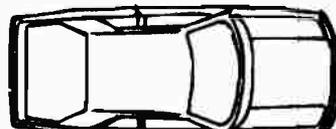
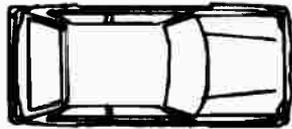
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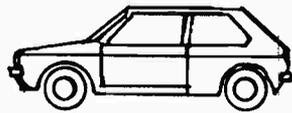
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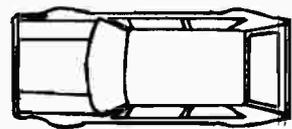
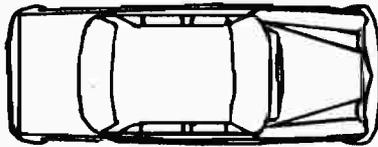
RENAULT FUEGO



MERCEDES 250



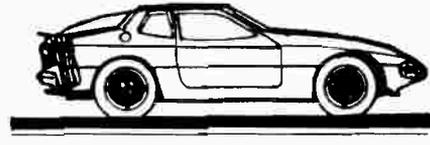
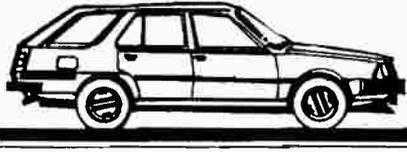
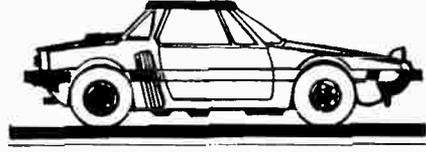
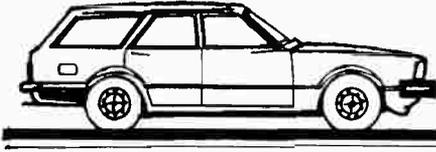
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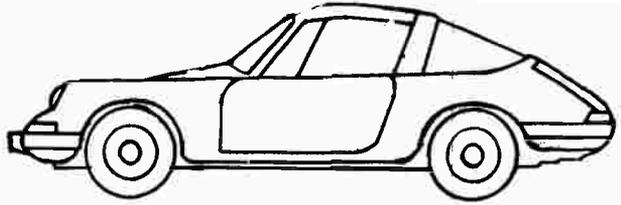
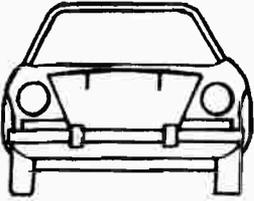
BMW 5



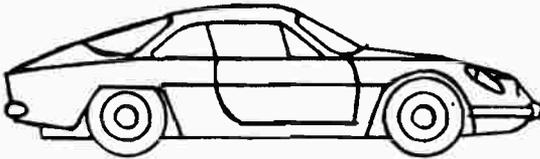
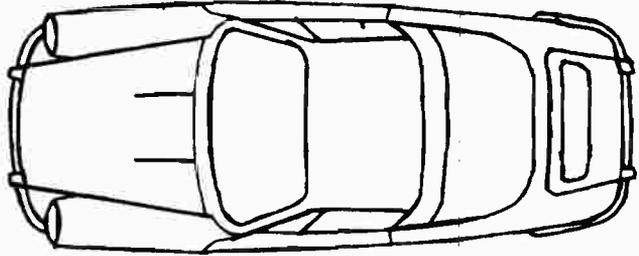
شکل رقم (۱۹)



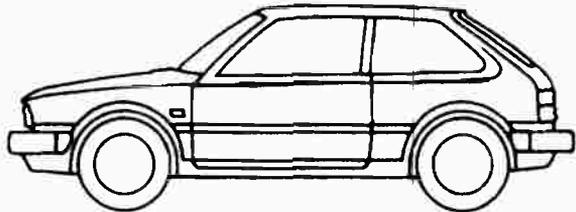
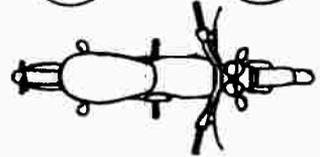
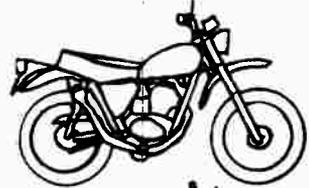
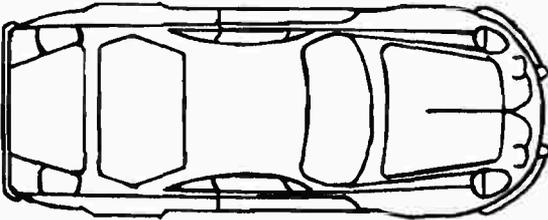
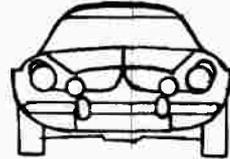
شکل رقم (۹۰)



PORSCHE 911



ALPINE RENAULT.



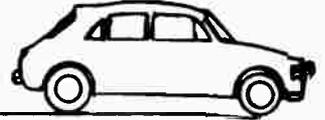
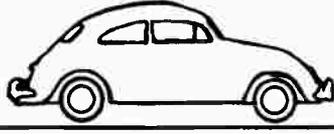
HONDA CIVIC



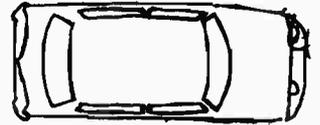
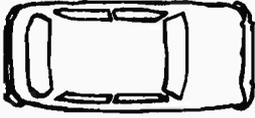
RENAULT 14

مساقط أفقية وواجهات للسيارات

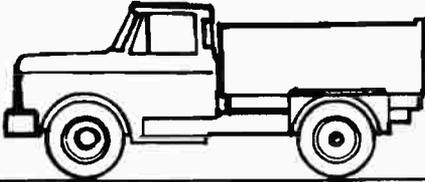
شكل رقم (٩١)



واجهة لسيارات ركاب من عدة مقاييس



مساقط لسيارات ركوب



واجهة لسيارات نقل

شكل رقم (٩٢)



سيارات وسفن

شكل رقم (٩٣)



لوحة لرسم السيارات والقطارات والسفن والطائرات
شكل رقم (٩٤)