Links and Guides worksheets

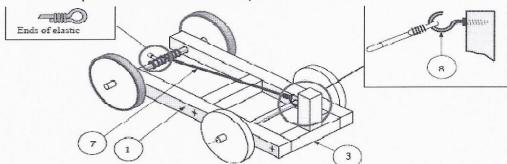
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- a) If glue plays a role of a linking component in it is considered a direct link. \digamma
- b) A link can be both partial and flexible.
- C) A link can be both partial and complete.
- d) A complete link can never move once they are linked together.
 - 2. During a family breakfast, you explain that there are three main types of guiding. You use the jar of peanut butter with its screw-on lid, the cutlery drawer, the refrigerator door and the kitchen scissors as examples. Which type of guiding does each of these objects demonstrate?
- a) jar of peanut butter

NO.

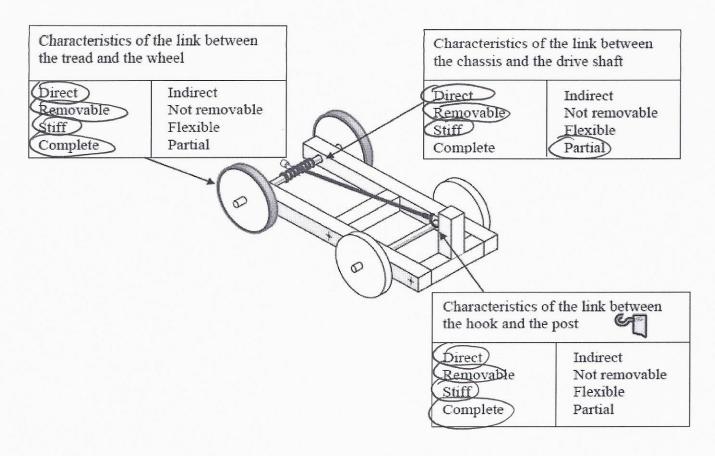
b) cutlery drawer ______

Use the picture below to answer questions 4 and 5

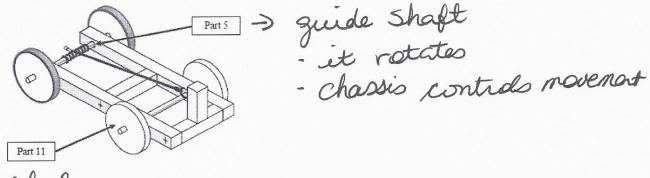


U.	#45-TIATE			
1	Chassis			
2	Centre support brace			
3	End support brace			
4	Post			
5	Drive shaft			
Ó	Drive shaft pin			
7	Elastic			0-
8	Hook	(5)		
9	Rubber tread] _ ~		7
10	Axle			1
11	Wheel		A. W	1
12	Hub	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
	9	10)		
			11	

3. Circle the links below.



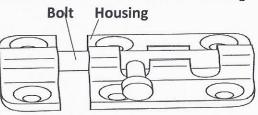
4. For each area, name the guided parts, indicate the type of guiding involved and name the part which controls the movement.



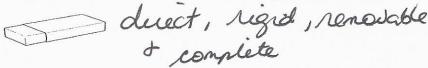
-it rotates - drive shaft controls movement.

c- Safety bolts like the one illustrated below are used to lock doors. What are the characteristics of the link between the bolt and the housing?

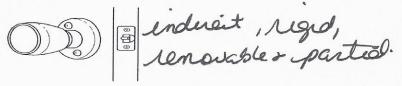
direct rigid NR + partial



d- Consider the link between the eraser below and the plastic-coated paper covering it.



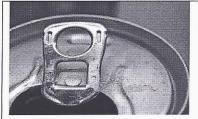
e- Consider the link below between the doorknob and the door.



f- When a house is under construction, builders often nail asphalt shingles to the roof.

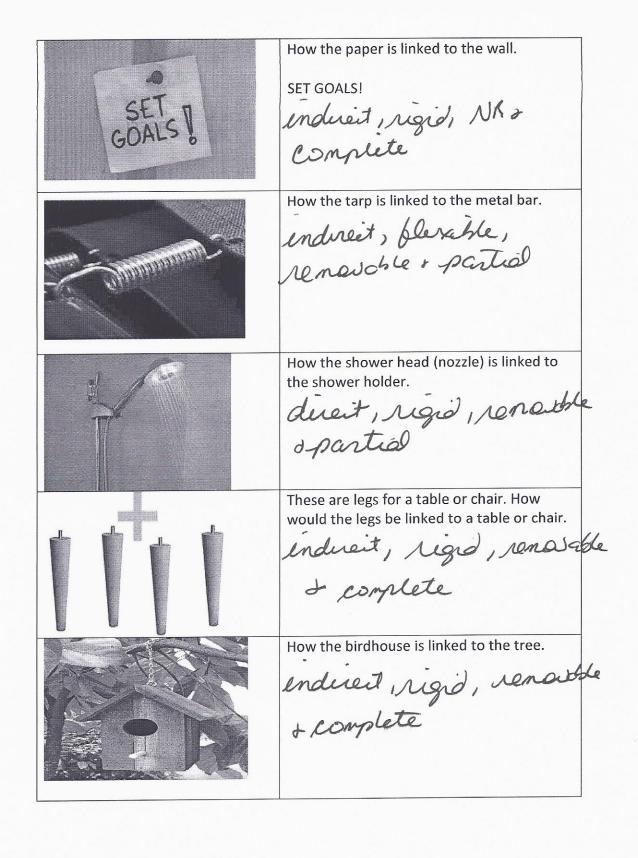
enducet, complete, Nh + rigid

6. For each picture below, name the 4 links associated with it.

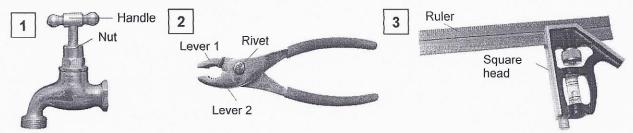


How the tab is linked to the can.

indirect, rigid, NR+ partial



7. Look at the three objects below.



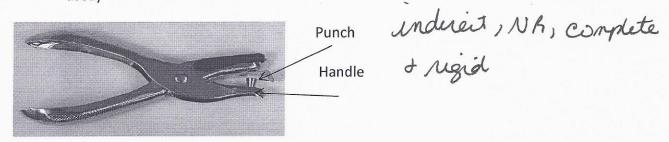
For each of the three objects, name the type of guiding involved and identify the guiding component.

Faucet: helecal a nut

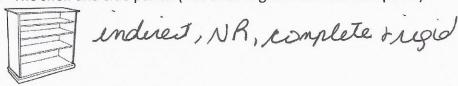
Pliers: rotationed & revet

Combination square: frankational + Hack

- 8. Give the links for each picture.
 - a- Characteristics of the link between the handle and the punch of a hole punch. (A rivet is used)



b- The shelf and side panel. (The shelf is glued into the side panel).



c- Light bulb and socket

d- Clothes pin prongs

