Name:



Simple Machines change the strength or direction of a force, such as a push or a pull. There are 6 types of simple machines. Can you match each type to its example?



Source: Wood, Robert. Science For Kids. Blue Ridge Summit: Tab Books, 1992. Print.



Gears & Simple Machines

Name:



/hat Gears D

2. Place and nail another cap beside the first, making sure they are close enough to turn one another.

/hat Do You Think

Do you think this is an example of a pulley or a gear system? Discuss your answer with a neighbour before sharing with the class.

Look at the section of a bike shown.

. What do you notice about the spinning direction of the caps?

2. What do the edges of the cap do for this system?

3. What is the advantage of gears in terms of direction of forces?

4. What do you think would happen if you used a large gear with a small one?









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