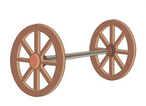
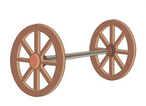
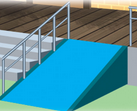
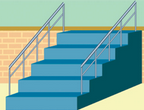
**Words 1**

Listen and match.

|  |  |
| --- | --- |
| 1. \_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 1. \_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 1. \_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 1. \_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 1. \_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 1. \_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 1. \_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 1. \_\_\_\_\_\_\_\_\_\_\_\_ |  |

**Words 2**

Look, read, and choose.

1. doorknob
   * 
   * 
   * 
2. slide
   * 
   * 
   * 
3. wheel and axle
   * 
   * 
   * 
4. ramp
   * 
   * 
   * 
5. lever
   * 
   * 
   * 
6. screw
   * 
   * 
   * 

**Read 1**

Complete the sentences.

|  |
| --- |
| A simple old invention is often an answer to a new problem. At the airport, how do they get your bags onto the plane? They use a ramp. A ramp is a flat surface that has one high end and one low end. You climb the stairs to get onto the plane. Stairs are another form of ramp.  How do you keep food in a jar? A jar lid screws onto the jar. When you turn a screw, it moves and pushes onto something else. A light bulb is a kind of screw, too.  If you need to pull out a nail, you need a hammer. The top of a hammer is a lever because when you push down on one end, the other end goes up. Just like a seesaw! A lever is not a new invention.  A wedge isn’t a new invention, either. When you cut food with a knife, you are using a wedge. A wedge has a sharp edge that pushes things apart. |

|  |
| --- |
| wedge invention lever knife jar lid ramp |

1.  An old \_\_\_\_\_\_\_\_\_\_ can be the answer to a new problem.

2.  A \_\_\_\_\_\_\_\_\_\_ helps us to move heavy things. It helps us climb up things, too.

3.  You turn a \_\_\_\_\_\_\_\_\_\_ and a light bulb in the same way. Just like screws!

4.  When you need to pull out a nail, use a \_\_\_\_\_\_\_\_\_\_ .

5.  A lever is not a new invention. A \_\_\_\_\_\_\_\_\_\_ is not a new invention, either.

6.  The sharp edge of a wedge pushes things apart. Just like a \_\_\_\_\_\_\_\_\_\_ .

**Read 2**

Read and choose.

|  |
| --- |
| A simple old invention is often an answer to a new problem. At the airport, how do they get your bags onto the plane? They use a ramp. A ramp is a flat surface that has one high end and one low end. You climb the stairs to get onto the plane. Stairs are another form of ramp.  How do you keep food in a jar? A jar lid screws onto the jar. When you turn a screw, it moves and pushes onto something else. A light bulb is a kind of screw, too.  If you need to pull out a nail, you need a hammer. The top of a hammer is a lever because when you push down on one end, the other end goes up. Just like a seesaw! A lever is not a new invention.  A wedge isn’t a new invention, either. When you cut food with a knife, you are using a wedge. A wedge has a sharp edge that pushes things apart. |

1.  A plane / ramp / surface has one high end and one low end.

2. Surfaces / Stairs / Planes  are a form of ramp, too.

3.  Jar lids and stairs / Jar lids and ramps / Jar lids and screws are a form of screw.

4.  A hammer isn’t a form of screw. A jar lid / knife / light bulb isn’t either.

5.  The top of a hammer is a lever. Use it to pull out seesaws / screw / nails.

6.  If you push on one end of a lever, the other end goes up. Just like a seesaw / knife / wedge!

**Read 3**

Read and match.

|  |
| --- |
| A simple old invention is often an answer to a new problem. At the airport, how do they get your bags onto the plane? They use a ramp. A ramp is a flat surface that has one high end and one low end. You climb the stairs to get onto the plane. Stairs are another form of ramp.  How do you keep food in a jar? A jar lid screws onto the jar. When you turn a screw, it moves and pushes onto something else. A light bulb is a kind of screw, too.  If you need to pull out a nail, you need a hammer. The top of a hammer is a lever because when you push down on one end, the other end goes up. Just like a seesaw! A lever is not a new invention.  A wedge isn’t a new invention, either. When you cut food with a knife, you are using a wedge. A wedge has a sharp edge that pushes things apart. |

|  |
| --- |
| levers and ramps a wedge and a knife a hammer and a lever  a hammer and a knife a jar lid and light bulb a screw and a jar lid  stairs and wedges a hammer and a nail stairs and ramps  ramps and screws |

|  |  |
| --- | --- |
| **Things that are similar** | **Things that are different** |
|  |  |

**Grammar in Use 1**

Answer *True* or *False*.

1. A car has wheels and axles. A bike has wheels and axles, too.
   * True
   * False
2. A hammer isn’t a ramp. Neither is a nail.
   * True
   * False
3. A light bulb is a wedge. A doorknob is a wedge, too.
   * True
   * False
4. Ramps are a very old invention. So is the wedge.
   * True
   * False
5. Stairs aren’t a form of transportation. The ramp isn’t, either.
   * True
   * False
6. An axe doesn’t help lift heavy objects. Neither does a hammer.
   * True
   * False

**Grammar in Use 2**

Look, read, and choose.

|  |  |
| --- | --- |
| 1. Scissors are levers that cut things.  Hammers are levers, too / either / so . |  |
| 2. Levers were used by the Egyptians.  Neither / So / Too were ramps. |  |
| 3. A seesaw is not a wedge.  A lightbulb is not a wedge, either / neither / too . |  |
| 4. A doorknob uses wheels and axles.  So / Too / Neither does a wheelchair. |  |
| 5. A knife is not a lever.  Neither / So / Either is an axe. |  |
| 6. She didn’t use the escalator to push the cart into the building. She didn’t use the stairs, either / too / neither. |  |

**Grammar in Use 3**

Read and match.

|  |
| --- |
| So do I. Katy didn’t go, either. She was sick.  Neither did we. We did our homework. Neither did he. He was late.  I didn’t, either. I went to bed at eight. I did, too. |

|  |  |
| --- | --- |
| 1. I didn’t go to bed at seven. |  |
| 2. I did really well in the race. |  |
| 3. I speak French and Spanish. |  |
| 4. She didn’t eat all her breakfast. |  |
| 5. Tom didn’t go to school on Tuesday. |  |
| 6. They didn’t go to the park on Saturday. |  |

**Grammar in Use 4**

Complete the sentences.

|  |
| --- |
| is, too isn't, either either. Neither So were, too aren't, either |

1.  My favorite color is blue.   
Mine \_\_\_\_\_\_\_\_\_\_\_\_\_ .

2.  This escalator isn’t working.  
The elevator \_\_\_\_\_\_\_\_\_\_\_\_\_ .

3.  We were very late for the movie.  
We \_\_\_\_\_\_\_\_\_\_\_\_\_ .

4.  We aren’t going to ride our bicycles to school this week.  
We \_\_\_\_\_\_\_\_\_\_\_\_\_ .

5.  I am learning to play the flute.  
\_\_\_\_\_\_\_\_\_\_\_\_\_ am I.

6.  Hammers don’t help us pull heavy objects.  
Screws don’t, \_\_\_\_\_\_\_\_\_\_\_\_\_ do axes.

**Listening**

Look, listen, read, and choose.

|  |  |
| --- | --- |
|  |  |

1. Kevin and his dad are making

\_\_\_\_\_\_ .

* + a crowbar
  + a lever
  + a tree house

1. They use the crowbar as \_\_\_\_\_\_ .
   * a lever
   * a wedge
   * a ramp
2. The wagon has big \_\_\_\_\_\_ .
   * wheels
   * levers
   * boards
3. The nails go through the wood like \_\_\_\_\_\_ .
   * a wedge
   * a lever
   * a ramp
4. They hit the nails using \_\_\_\_\_\_ .
   * a hammer
   * a wedge
   * a board
5. Kevin will get up to the tree house using \_\_\_\_\_\_ .
   * nails
   * stairs
   * levers

**Speaking**

Listen, record Part A or B, then check.

|  |  |
| --- | --- |
| A:Airplanes make it easier to travel all around the world.  B:That’s true. I was thinking about cell phones.  We can use cell phones to talk to people anytime.  A:That’s a good one. I was also thinking about light bulbs.  People use lights all the time.  B:Yes. I was also thinking about clocks. Clocks tell people what time it is.  They are an important invention. |  |

**Word Study**

Complete the sentences.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Writing Study**

Read and choose.

1.  Scissors and a hammer  is / was / are levers.

2.  The light bulb is / were / are not a very old invention.

3.  She using / use /uses her mobile phone at school.

4.  The wedge was / were/ are a very useful invention.

5.  Ramps and wheels was / were/ is some of the first inventions.

6.  Bicycles and cars used / use /uses wheels and axles.