Can you find how many times each of these tools appears in *Izzy Gizmo*? Tally using hash marks (III for 3, for example), and then work with a partner to see if your totals match.

- hammer _____
- drill _____
- screwdriver _____
- wrench _____
- pliers _____
Answer Key

Can you find how many times each of these tools appears in *Izzy Gizmo*? Tally using hash marks (III for 3, for example), and then work with a partner to see if your totals match.

- hammer _8_
- drill _1_
- screwdriver _11_
- wrench _10_
- pliers _10_
Match the name of the tool with the picture of the tool from Izzy Gizmo’s tool bag.

- hammer
- wrench
- screwdriver
- drill
- pliers
- screws
Izzy Gizmo's Crossword Puzzle

Word Bank:
Dismantle
Gadget
Motor
Succeed
Drill
Invention
Pliers
Tool
Engine
Mend
Sprocket

Across:
2. to repair
3. a tool for making holes
6. a tool used for gripping small objects
7. to take apart
10. a device or implement
11. a mechanical device or tool

Down:
1. a machine that converts power into motion
4. a part on the rim of a wheel
5. a creation or contraption
8. to achieve
9. a machine that supplies power
Izzy Gizmo's Crossword Puzzle

Answer Key

Word Bank:
- Dismantle
- Gadget
- Motor
- Succeed
- Drill
- Invention
- Pliers
- Tool
- Engine
- Mend
- Sprocket

Across:
2. to repair
3. a tool for making holes
6. a tool used for gripping small objects
7. to take apart
10. a device or implement
11. a mechanical device or tool

Down:
1. a machine that converts power into motion
4. a part on the rim of a wheel
5. a creation or contraption
8. to achieve
9. a machine that supplies power
Find the following words in the puzzle. Hint: some words might be diagonal or backwards.

Dismantle  Battery  Invention
Engine  Gadget  Switch
Mend  Dial  Tool
Sprocket  Succeed  Pliers
Screws  Drill  Motor
Find the following words in the puzzle. Hint: some words might be diagonal or backwards.

Dismantle  Engine  Mend  Sprocket  Screws
Batteries  Gadget  Dial  Succeed  Drill
Invention  Switch  Tool  Pliers  Motor
Create Your Own Gadget!

You can be an inventor just like Izzy Gizmo! What would you make if you could?

Write out step-by-step instructions for your invention in the space below, just as if you were telling a friend how to recreate your gadget. Don’t forget to include what materials you would use and what tools you might need, so that future inventors can try it out too! Then, draw your invention on the back of this page.

Materials:
__________________________________  Tools:
__________________________________
__________________________________
__________________________________

Step 1:________________________________________

Step 2:________________________________________

Step 3:________________________________________

Step 4:________________________________________

Step 5:_______________________________________

Step 6:_______________________________________
Help Izzy Gizmo Get Home!

Izzy Gizmo needs your help! She needs a map to guide her, Grandpa, and Fixer to Technoff Isle and then back home. Think about what obstacles Izzy Gizmo will need to overcome on her journey and then write them in the space below. Next, brainstorm what tools and materials she needs to pack. Then, using the tools/materials, come up with creative names for invention solutions that will help her overcome those obstacles.

Finally, use the back of this page or a separate sheet of paper to create the map she will use to make it to and from Technoff Isle and her home. Be sure to include your obstacles and their invention solution on your map!

**Obstacles:**

example: crossing the sea

______________________  ______________________________
______________________  ______________________________

**Tools and Materials:**

example: motor

______________________  ______________________________
______________________  ______________________________

**Invention Solutions:**

example: Floaty Boat-o-Matic

______________________  ______________________________
My New Invention

Get inspired by Izzy Gizmo’s marvelous inventions! Using the space below, outline information about an invention you’d like to create. Include the name of your invention, what it does, what it looks like, how it works, and how and why you would make it.

What does it do?

____________________________________
____________________________________
____________________________________
____________________________________
____________________________________

How does it work?

____________________________________
____________________________________
____________________________________
____________________________________
____________________________________

My new invention is a

____________________________________

What does it look like?

____________________________________
____________________________________
____________________________________
____________________________________
____________________________________

How/why did you make it?

____________________________________
____________________________________
____________________________________
____________________________________
____________________________________

What does it look like?

____________________________________
____________________________________
____________________________________
____________________________________
____________________________________

How/why did you make it?

____________________________________
____________________________________
____________________________________
____________________________________
____________________________________

Artwork ©2019 by Sara Ogilvie from
Izzy Gizmo and the Invention Convention