

Rosie the Gopher & Friends

# A DOG HOUSE FOR MOUSE

Coloring & Activity Book





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Rosendin, headquartered in San Jose, CA, is the largest employee-owned electrical contractor in the United States. Employing over 8,000 people with revenues averaging \$3B, Rosendin remains proud of our more than 100 years of building quality electrical and communications installations and value for our clients. But, most importantly, for building people within our community and our company. At Rosendin, we foster a culture of diversity, inclusion, shared ownership, and safety.

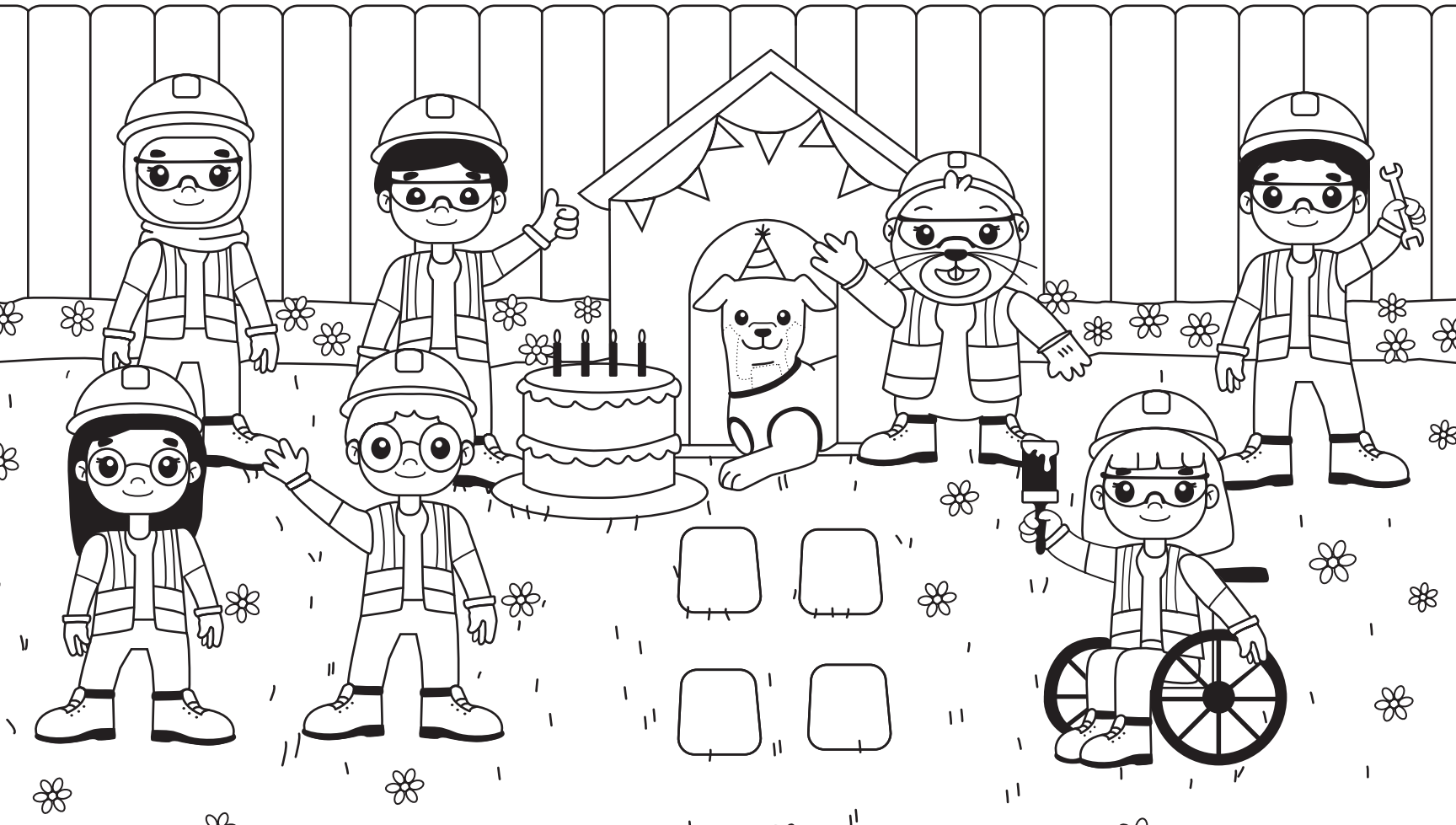


Founded in 2011, Modular Power Solutions brings decades of combined engineering, product, and deployment experience in offsite construction. Since inception, Modular Power Solutions has delivered more than 1,400MW of critical power systems, and counting. Whether it is assisting with complex BIM coordination, integrating full electrical and mechanical systems, or providing commissioning support in the factory and field, Modular Power Solutions aims to provide the complete solution and service required in the current construction ecosystem.

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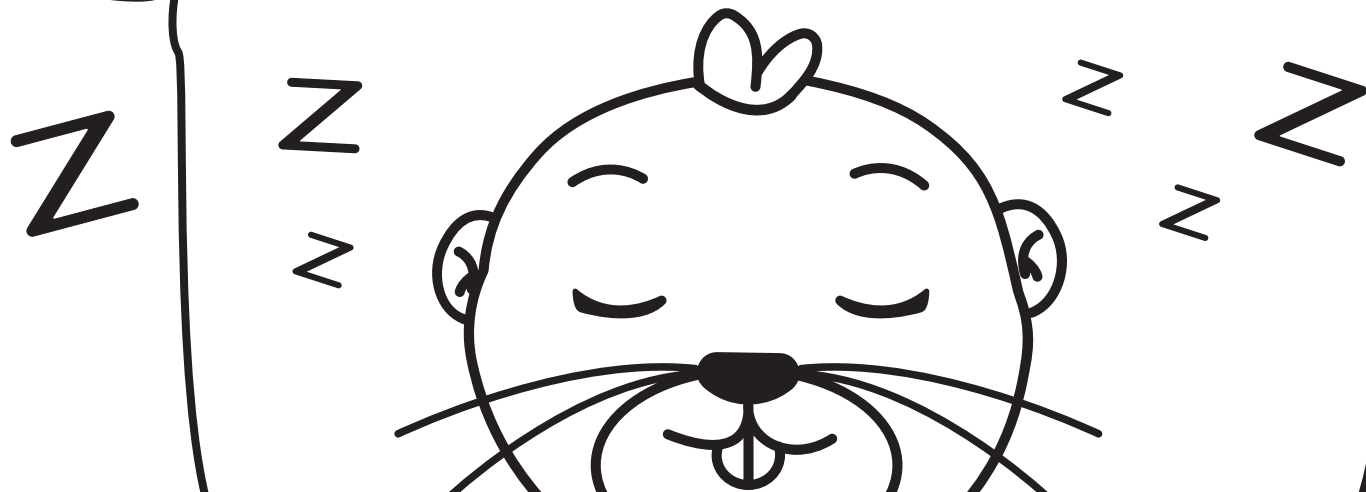


Meet Rosie! Rosie is a gopher who loves to build things. The more Rosie builds, the more she learns and the better she gets at using her tools.

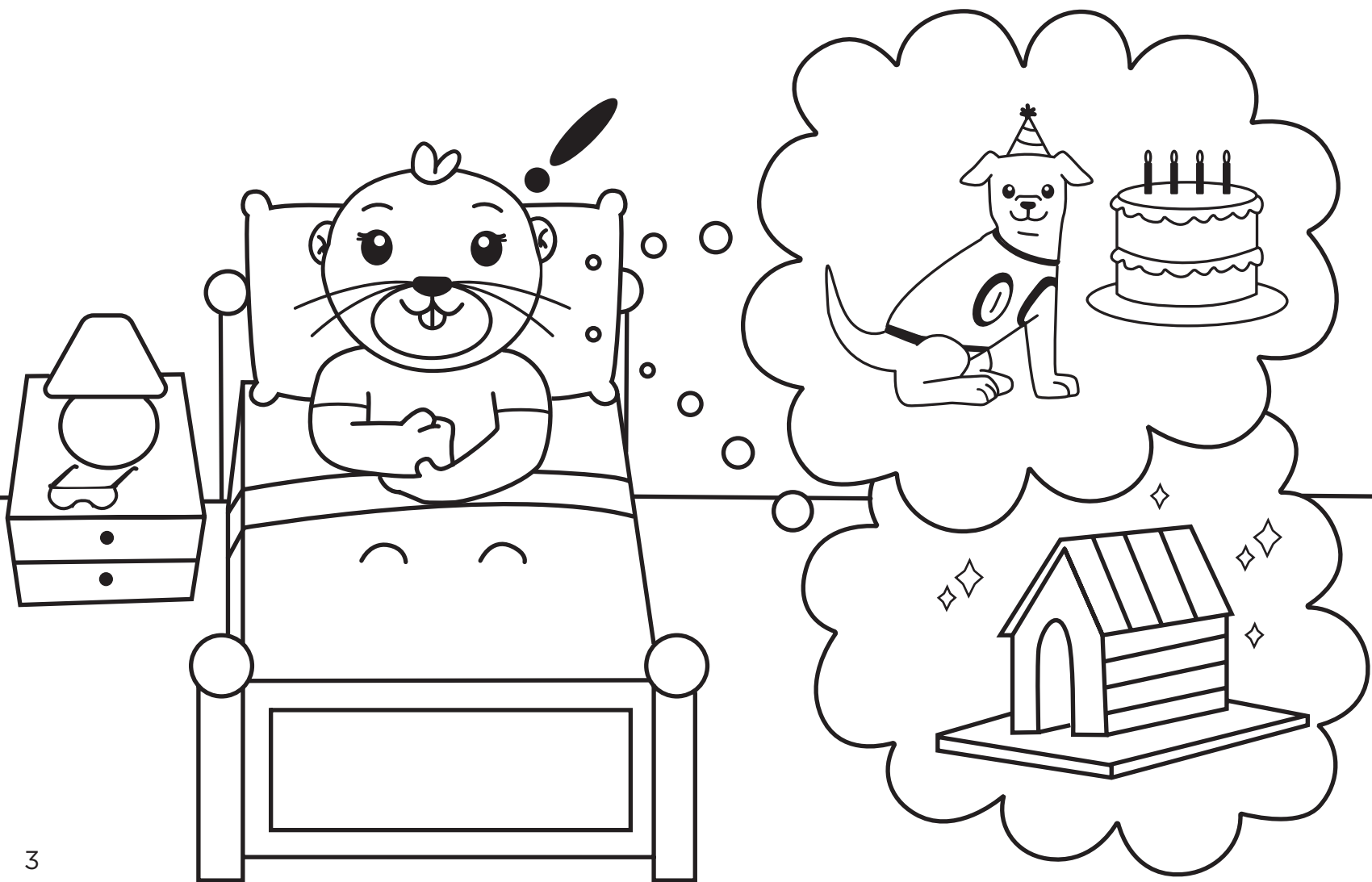


Rosie had a busy day of building and she is very tired. Rosie loves building so much that she dreams about what she wants to build next.

**Circle the pictures in Rosie's dream that will help her build her next project.**



When Rosie wakes up the next morning she is excited for her friend Mouse's birthday tomorrow. She wants to build Mouse a new dog house for her birthday present.



Rosie knows how important it is to be safe when building. That's why she wears her Personal Protective Equipment (PPE) so she won't get hurt. **Help Rosie find her PPE.**



Rosie needs to find her:



Hard Hat



Safety Glasses



Work Gloves

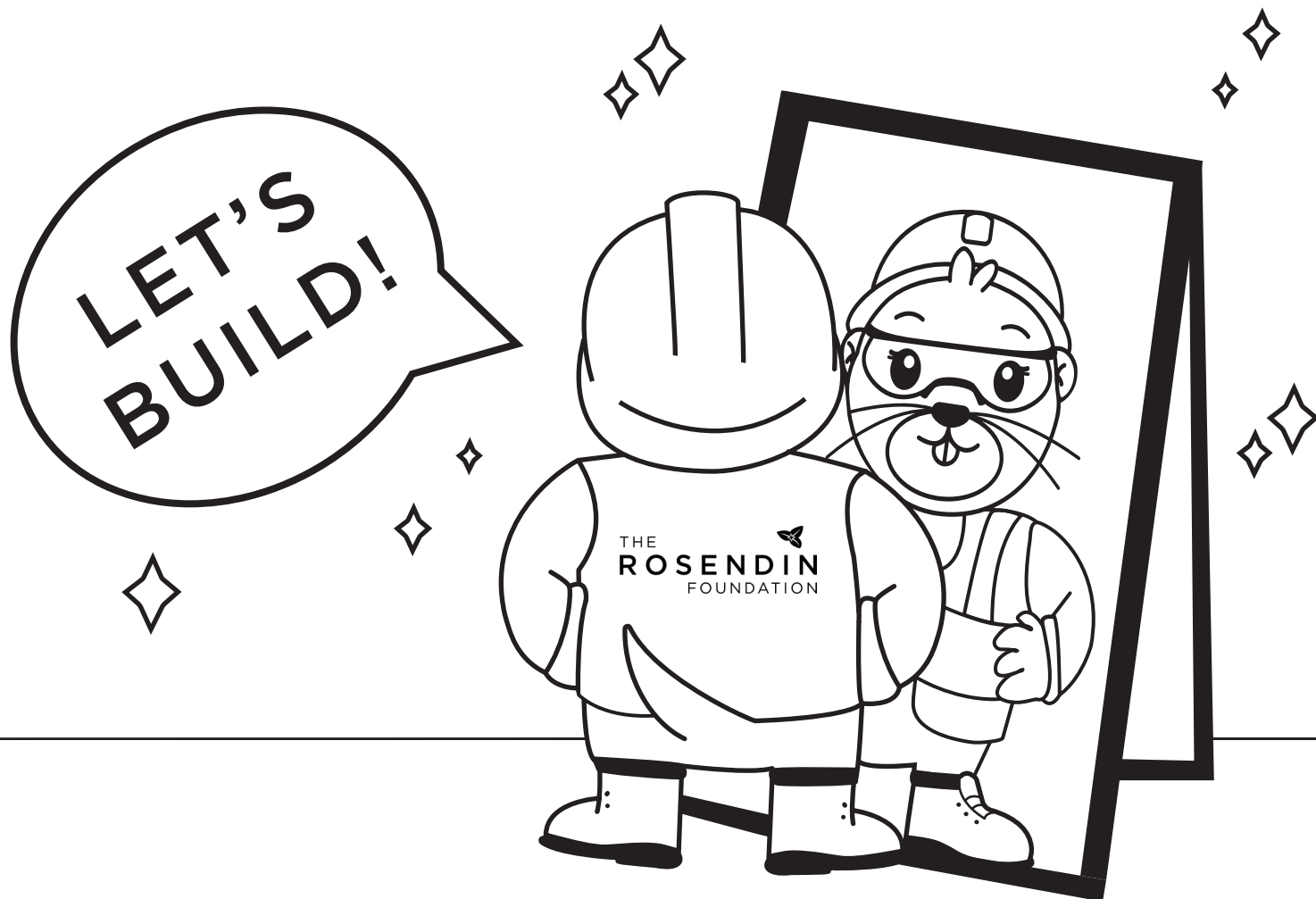


Safety Vest



Work Boots 4

YAY! Rosie is ready to build. The next step is to get the right tools that she needs and help from her friends. Rosie is going to visit her friend Aiden.





Aiden is excited to help Rosie build a dog house. Aiden’s dad is an **electrician** and has a lot of tools in his garage. Can you find the tools that will be needed to build a dog house for Mouse?

**Circle the names of the tools.**

Hammer

Impact

Drill

Clamp

Nailer

Saw

Tape Measure

Paint Brush

Level

Pencil



K	I	M	P	A	C	T	J	J	C	Q	R	W
W	I	X	P	M	W	P	S	T	L	O	Q	U
T	Z	C	R	A	B	B	C	W	F	H	J	T
P	J	Z	I	W	R	W	T	L	O	A	S	A
I	I	D	V	X	D	U	B	F	A	M	A	P
C	S	R	B	H	U	C	N	D	I	M	W	E
P	A	I	N	T	B	R	U	S	H	E	P	M
U	I	L	C	M	F	U	V	W	E	R	N	E
A	I	L	P	I	F	A	J	I	K	E	A	A
O	E	P	E	N	C	I	L	V	Y	Q	O	S
D	G	Z	L	G	V	F	P	E	H	U	M	U
O	O	Y	K	W	L	E	V	E	L	L	T	R
N	A	I	L	E	R	Q	R	L	E	Y	I	E

Rosie and Aiden have the tools they need to build Mouse a dog house.  
Now they need the building materials.



Rosie makes a list of the building materials they need to build a dog house.  
**Draw a line to connect the name of each building material to its picture.**

Wood



Nails



Screws



Cement



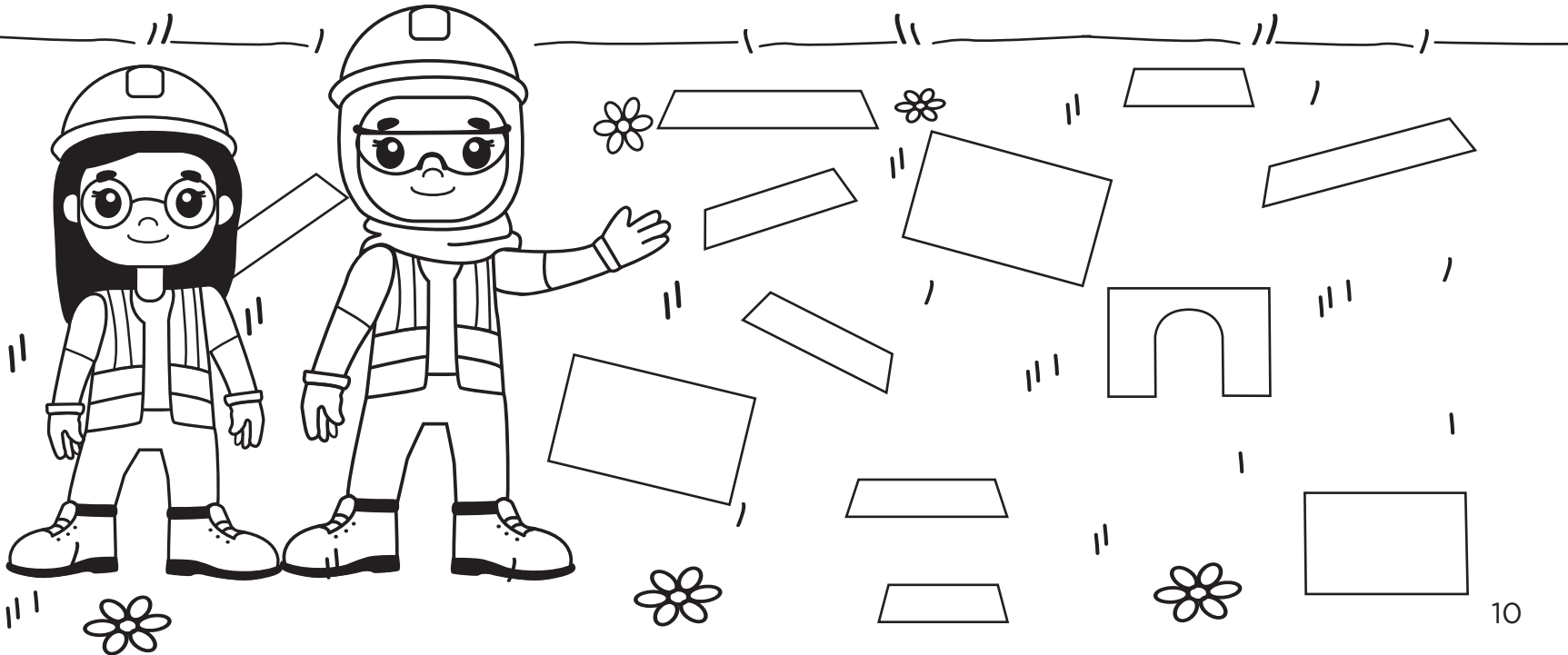
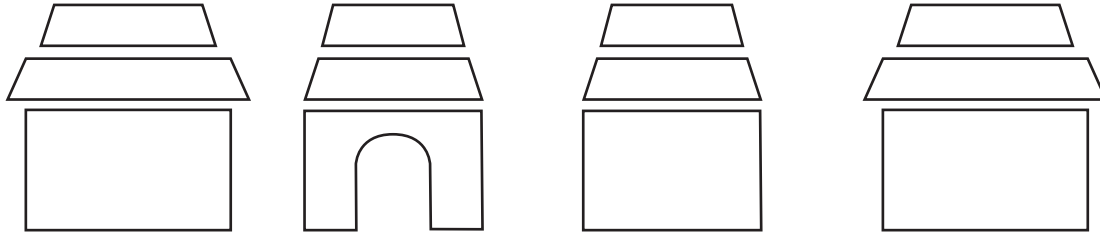
Paint



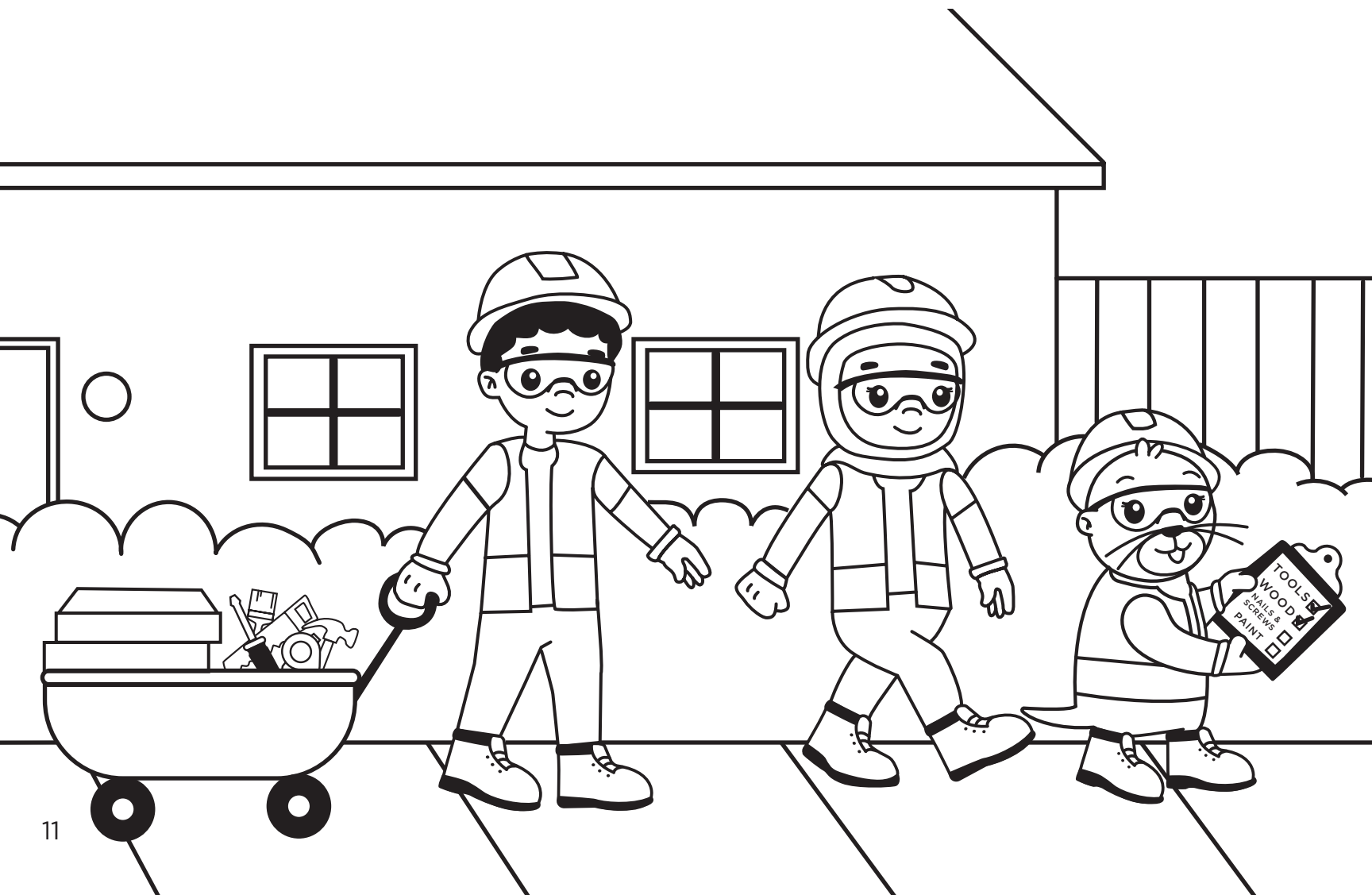
Aiden tells Rosie that their friend Amelia and her sister Naomi have some wood in their backyard. They decide to visit them and ask to use some wood for Mouse's dog house.



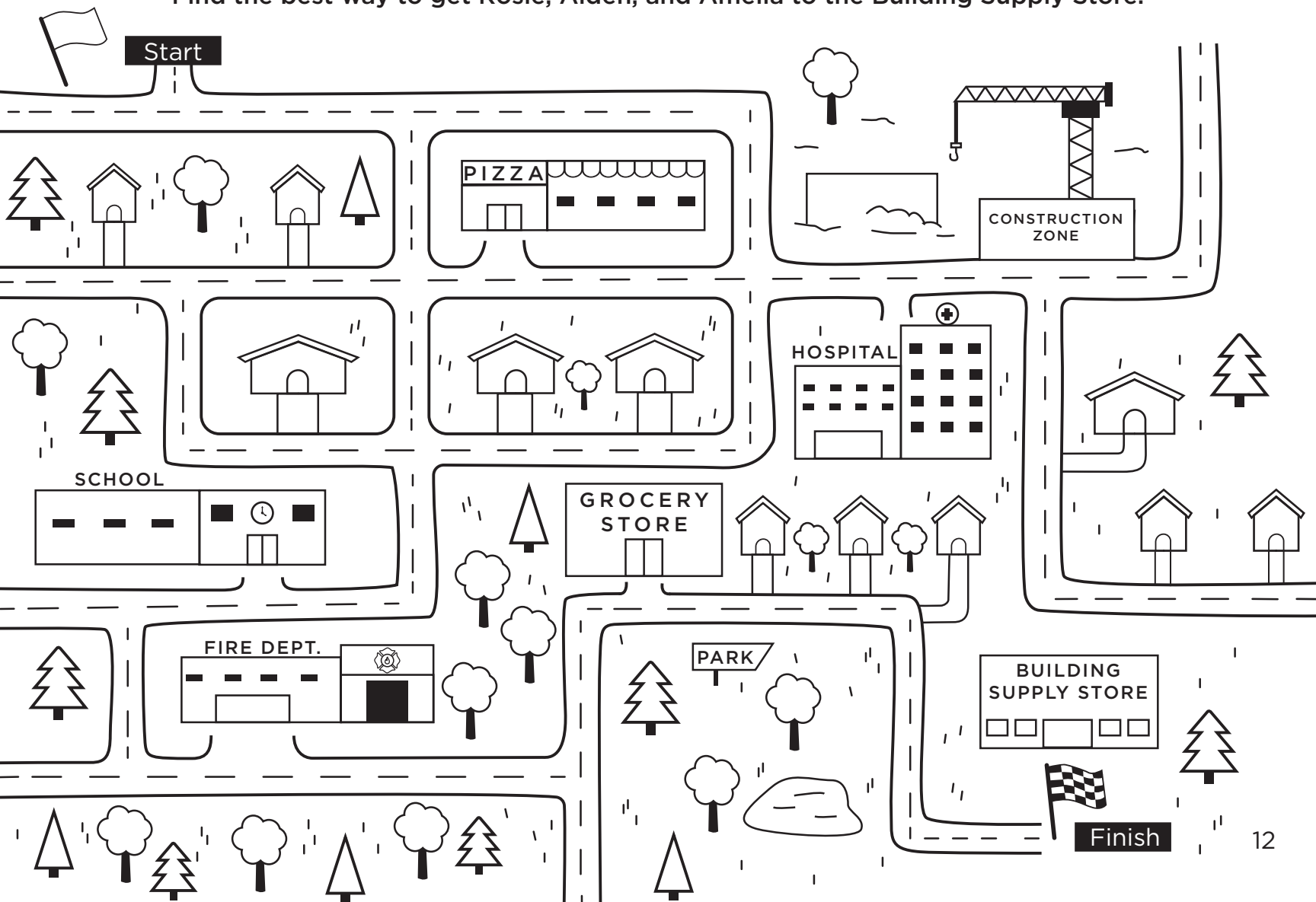
Amelia and Naomi's mom is a **carpenter** and builds things out of wood.  
She helps them decide what pieces of wood they need for Mouse's dog house.  
**Below are the different sides of the dog house. Color the pieces you will need yellow.**



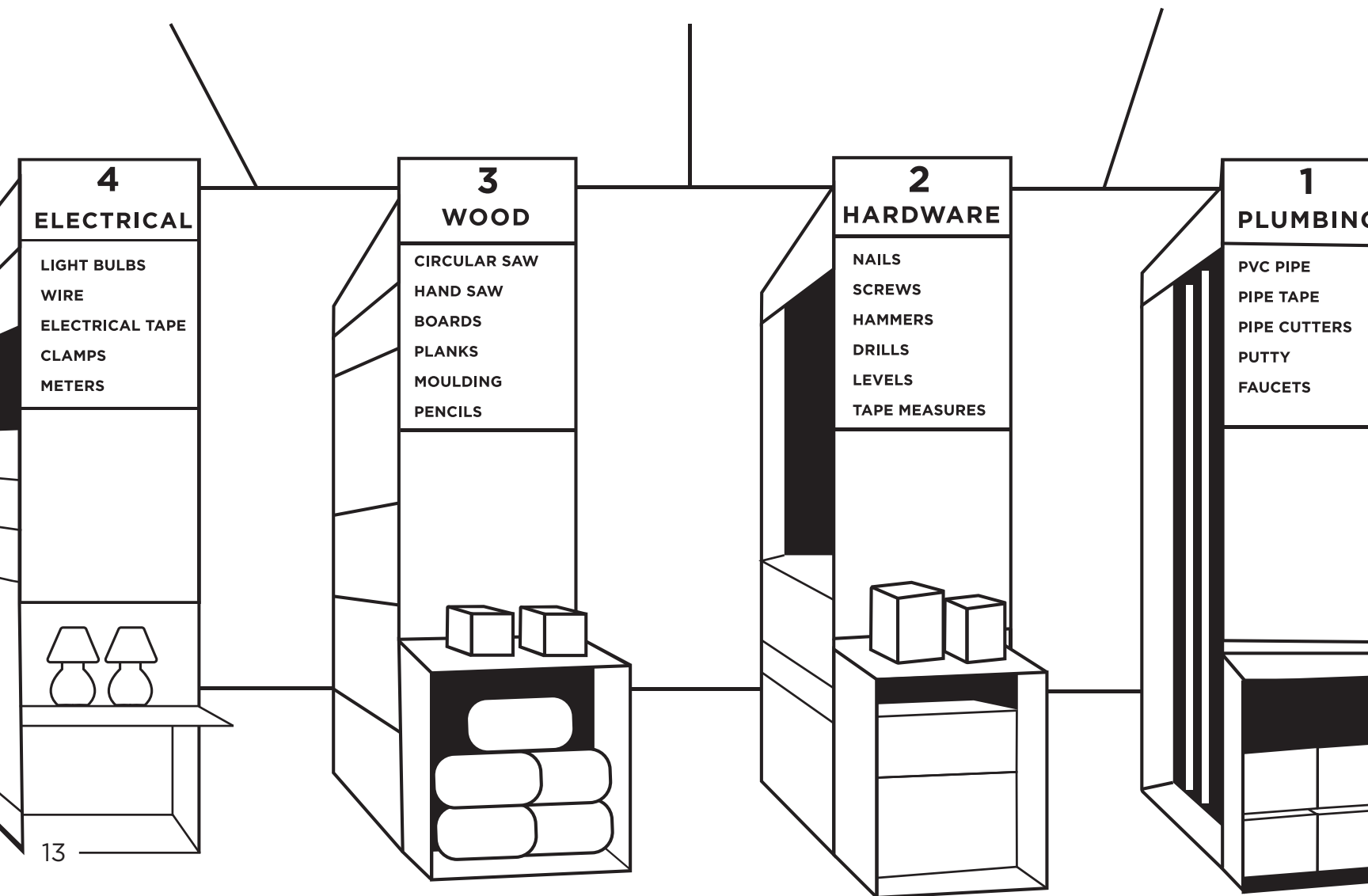
Amelia remembers that their friend Isaiah's grandfather was a **plumber** and owns a building supply store. The friends walk to Isaiah's house to get directions.



Isaiah draws his friends a map to get to his grandfather's building supply store.  
Find the best way to get Rosie, Aiden, and Amelia to the Building Supply Store.

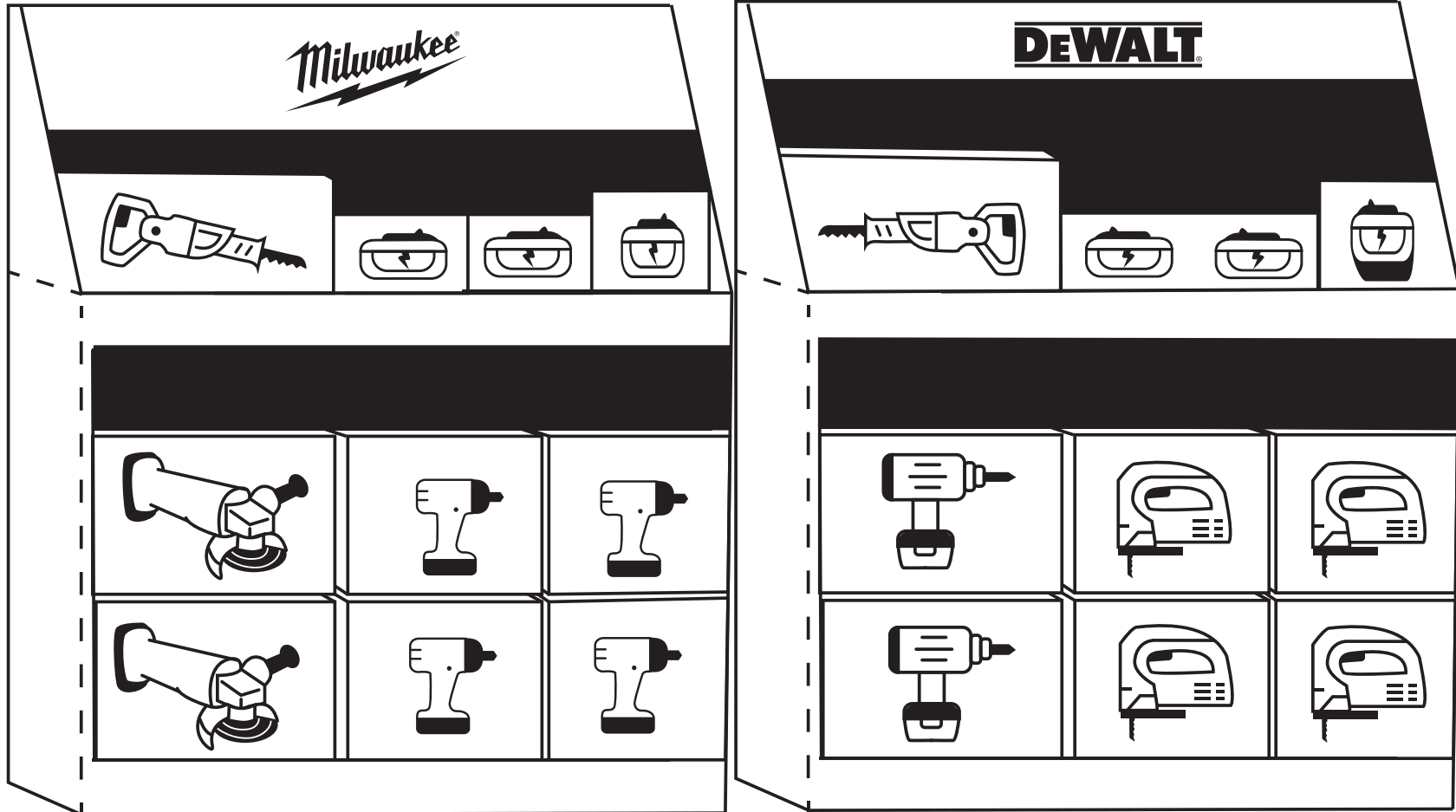


YAY! The friends made it to the Building Supply Store. When they walk in they see many aisles of tools and building materials. **Circle the aisles that have the materials the friends need.**





Rosie is excited to show her friends the power tools aisle. Her favorite tools are made by DeWalt and Milwaukee. Color the DeWalt tools yellow and the Milwaukee tools red.



Hooray! They found the nails and screws in the hardware isle. Rosie, Aiden, and Amelia are now on their way to their friend Zoe's house to ask her to help them paint the dog house.

Zoe's mom is a **painter**.



On the way to Zoe's house, the friends pass a construction site. There are a lot of heavy equipment on the site. **Trace the letters of each one below.**

CRANE

DUMP TRUCK

EXCAVATOR

CONCRETE TRUCK

BULLDOZER

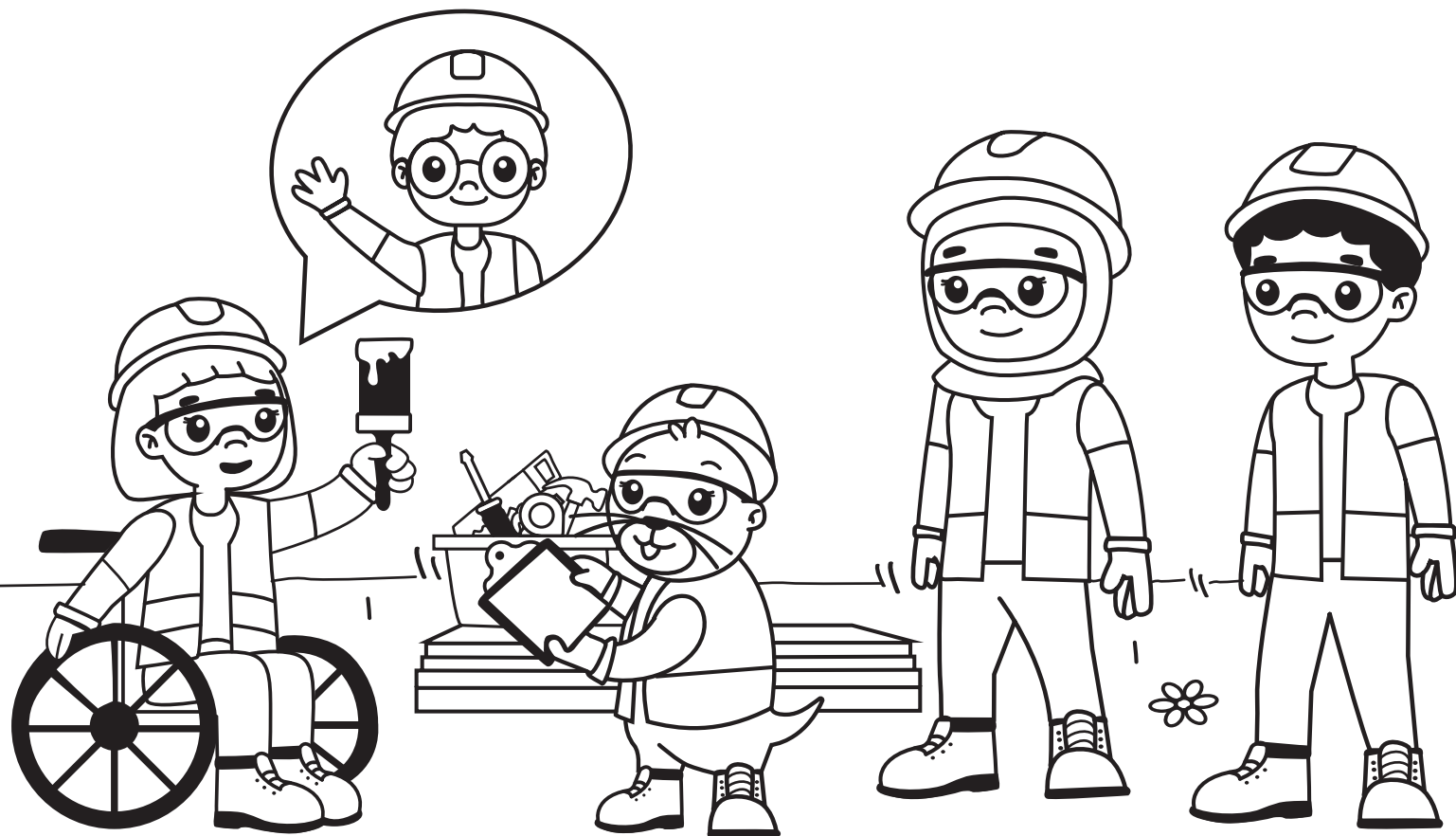
Zoe's mom paints houses including the walls, ceilings, and trim. Zoe loves to paint too and paints pictures. Zoe even painted a picture of Rosie!  
**Can you draw a picture of Rosie on the canvas and then paint the walls of the room?**



Zoe is happy to see her friends and wants to help build Mouse's dog house. Zoe shows them all her pails of paint, including Mouse's favorite color, RED. **Color the paint cans in the colors you want to paint Mouse's dog house. Color Rosie's paint can in Mouse's favorite color!**



The last material they need is concrete to make a strong foundation for Mouse's dog house. Zoe tells everyone that their friends Santi and Kenzo's dad is a **mason** and works with concrete.

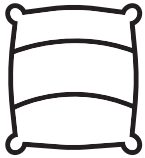


Rosie remembers how to make concrete from stepping stones made on another project. Rosie explains the process to her friends. First, add the cement, rocks, and sand together with water.

Mix it all together and you have concrete! Finally, pour the concrete into the frame.

**Fill in the missing concrete material names.**

### Step 1: Gather the Materials



Material 1: \_\_\_\_\_



Material 2: \_\_\_\_\_

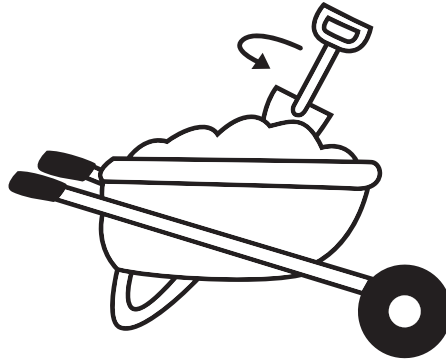


Material 3: \_\_\_\_\_

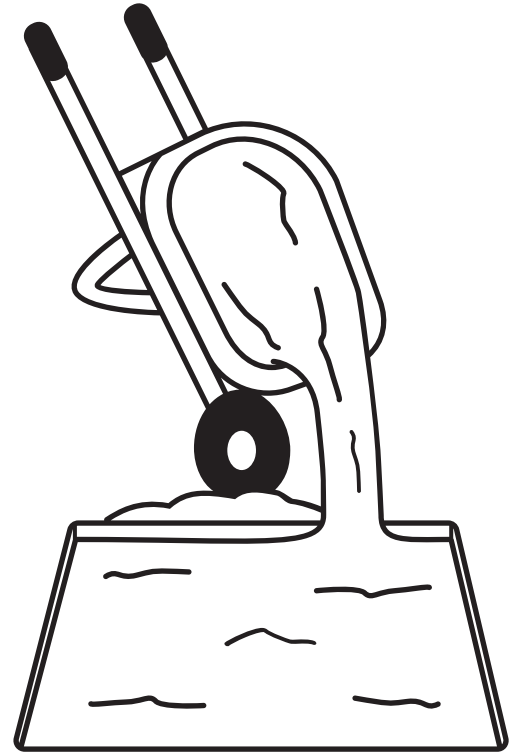


Material 4: \_\_\_\_\_

### Step 2: Mix the Materials



### Step 3: Pour the Concrete



(1. Cement, 2. Rocks, 3. Sand, 4. Water)

Santi and Kenzo are very happy to see their friends! Their dad has too many bags of cement left over and lets the friends use the extra bags. Santi asks Rosie how many bags of cement they need to make the foundation of Mouse's dog house.

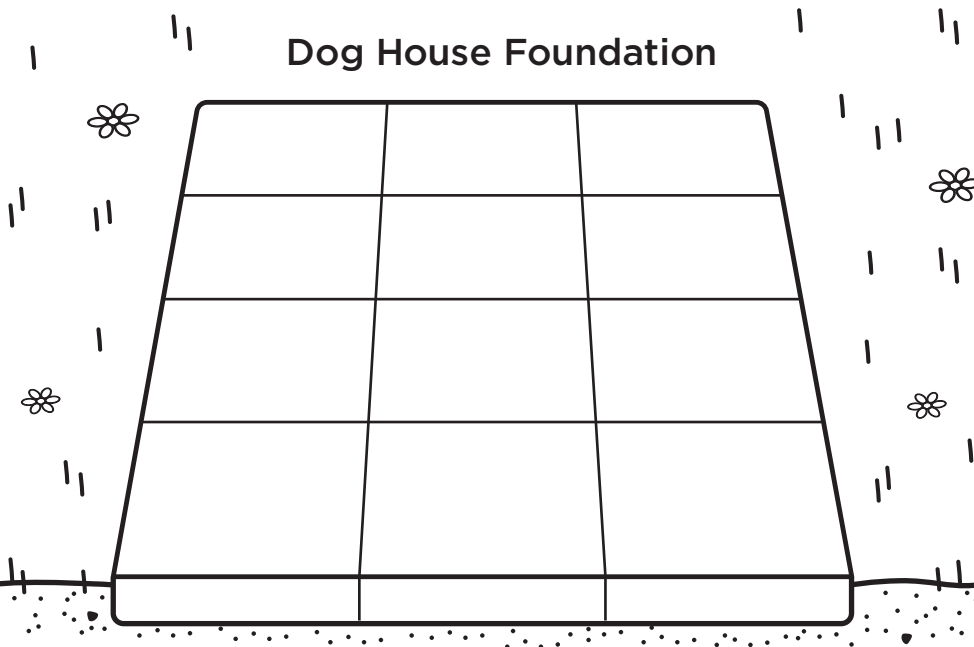
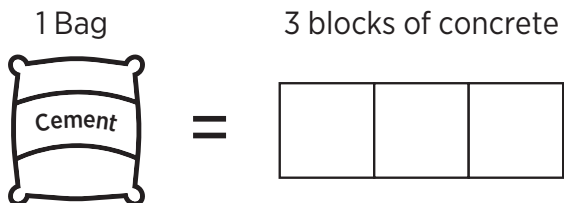




A foundation is the concrete that a building is built on. Help Rosie and her friends figure out how many bags of cement are needed to make Mouse's dog house foundation.

## Step 1

Color the concrete blocks in groups of 3.  
Color each group a different color.



## Step 2

Draw 1 bag of cement below for each group of three blocks.

How many bags of cement do the friends need to make the dog house foundation?

\_\_\_\_\_ Bags of Cement

The friends collected all the materials they need to build the dog house. After looking at the plans, Rosie thinks they will need more help. She calls more friends to meet them at Mouse's house.

# PLANS

- ① Dig a hole and pour foundation



- ② Measure and cut wood



- ③ Assemble with tools and nails



- ④ Paint and decorate ✦



The parents of Rosie's friends all work in the construction industry. Each job has a special name.  
**Write the number of each job next to the picture that it goes with.**

1. HVAC  
Technician

2. Welder

3. Heavy Equipment  
Operator

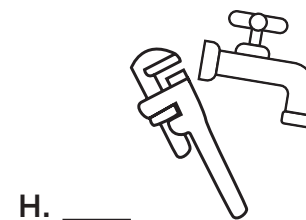
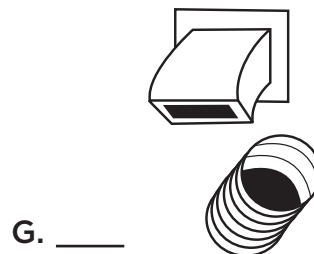
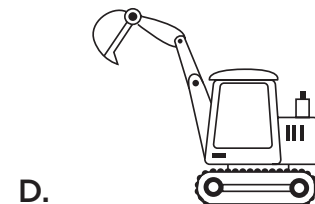
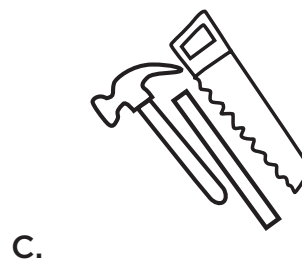
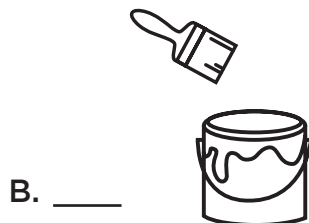
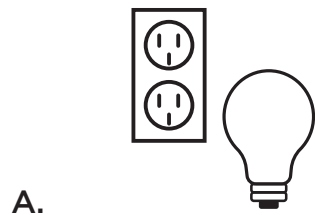
4. Painter

5. Plumber

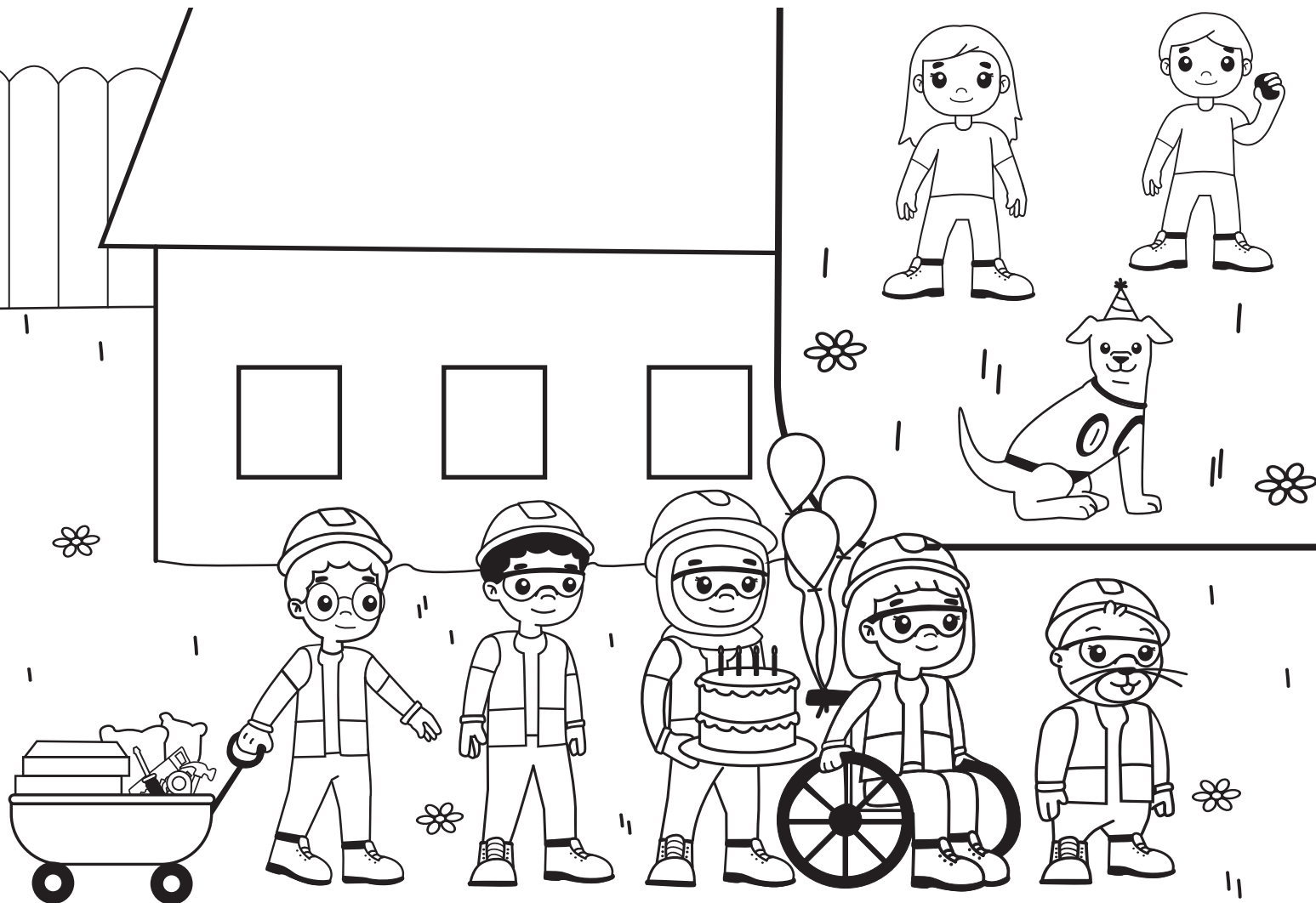
6. Carpenter

7. Electrician

8. Mason



Rosie and all of her friends meet up at Mouse's house to build her dog house and plan for the surprise birthday party. Mouse won't be home for a while since her parents took her to the park to play fetch, her favorite game.



Rosie explains to her friends they must follow the steps in the right order to build the dog house.

**Help Rosie show her friends the steps to follow by writing each step in the right place.**

**Then draw a picture of the tools that the friends will use in each box.**

*Hint: Look for pictures of the tools on page 4 and the steps on page 23.*

Paint Dog House

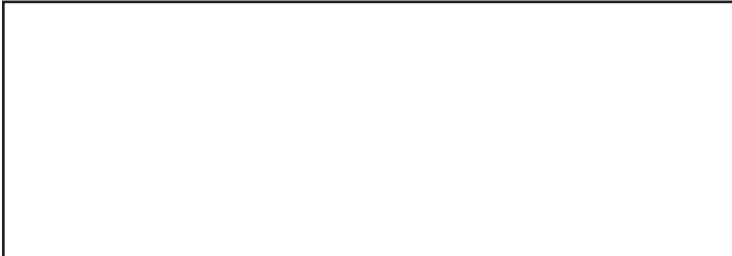
Measure & Cut Wood

Dig a Hole & Pour Concrete

Nail & Screw Wood Together

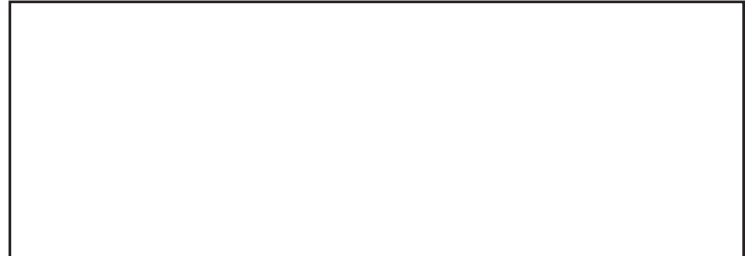
**Step 1** \_\_\_\_\_

Draw a Shovel & Wheelbarrow



**Step 2** \_\_\_\_\_

Draw a Tape Measure & Saw



**Step 3** \_\_\_\_\_

Draw a Hammer & Nails

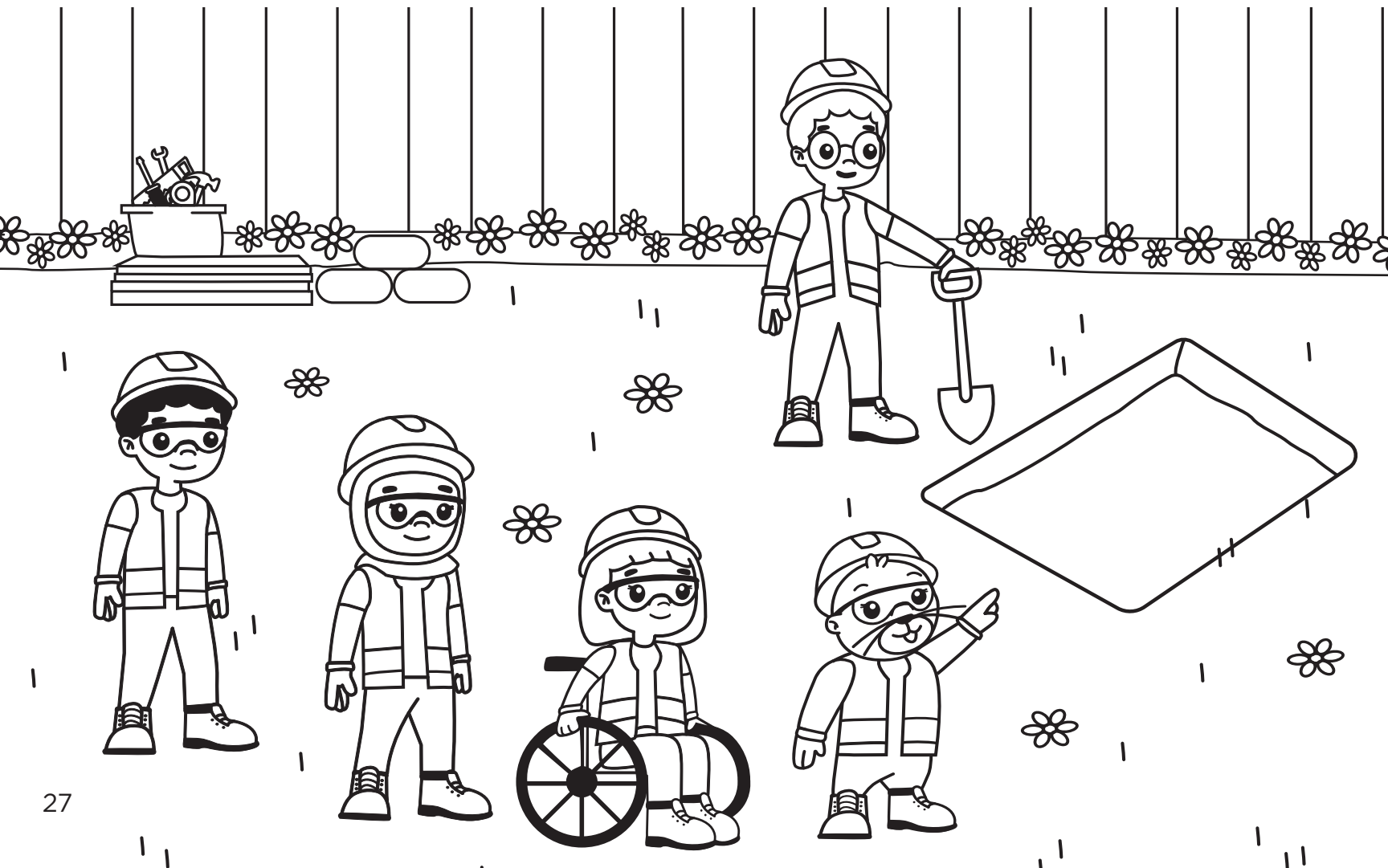


**Step 4** \_\_\_\_\_

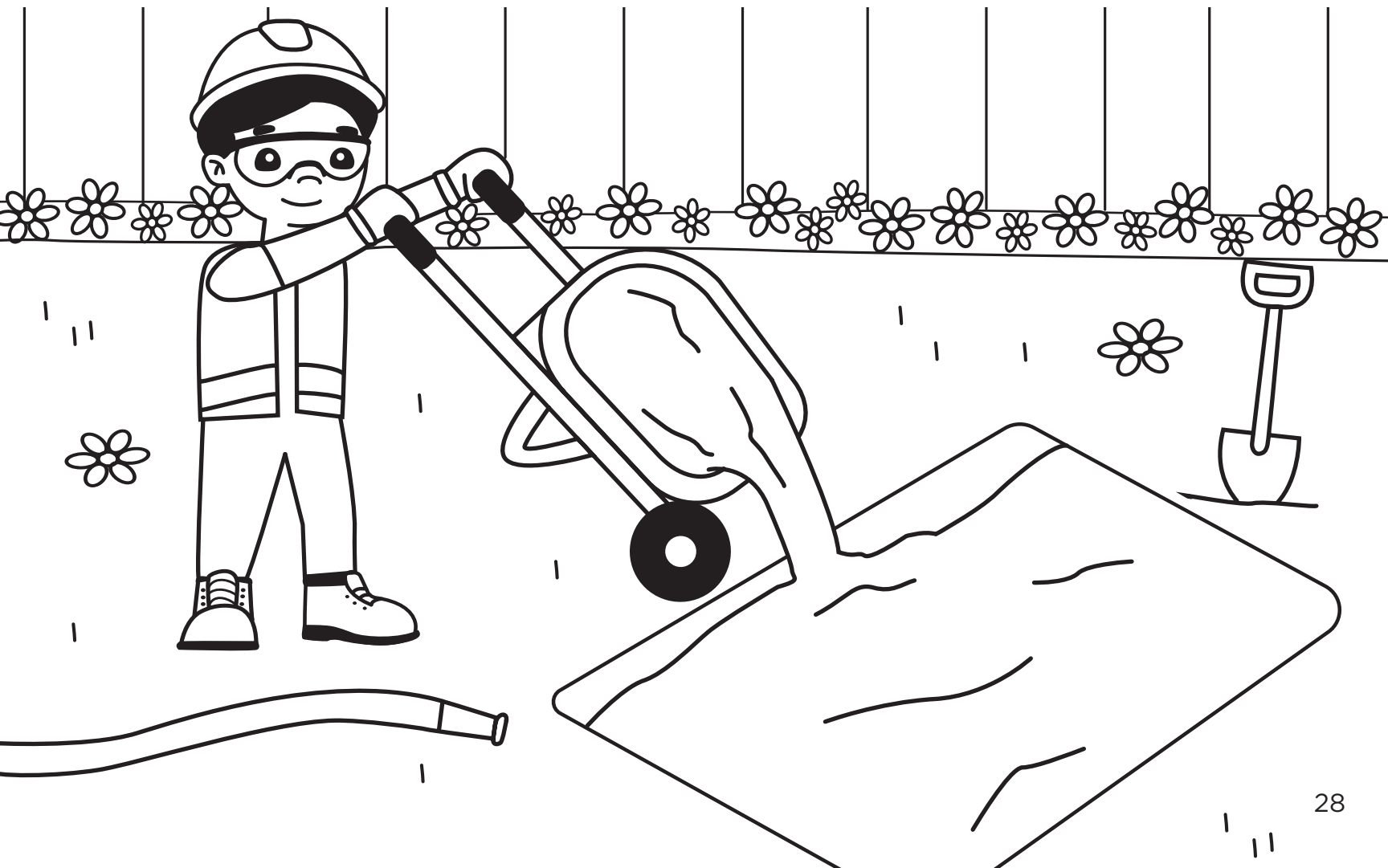
Draw a Bucket & Brush



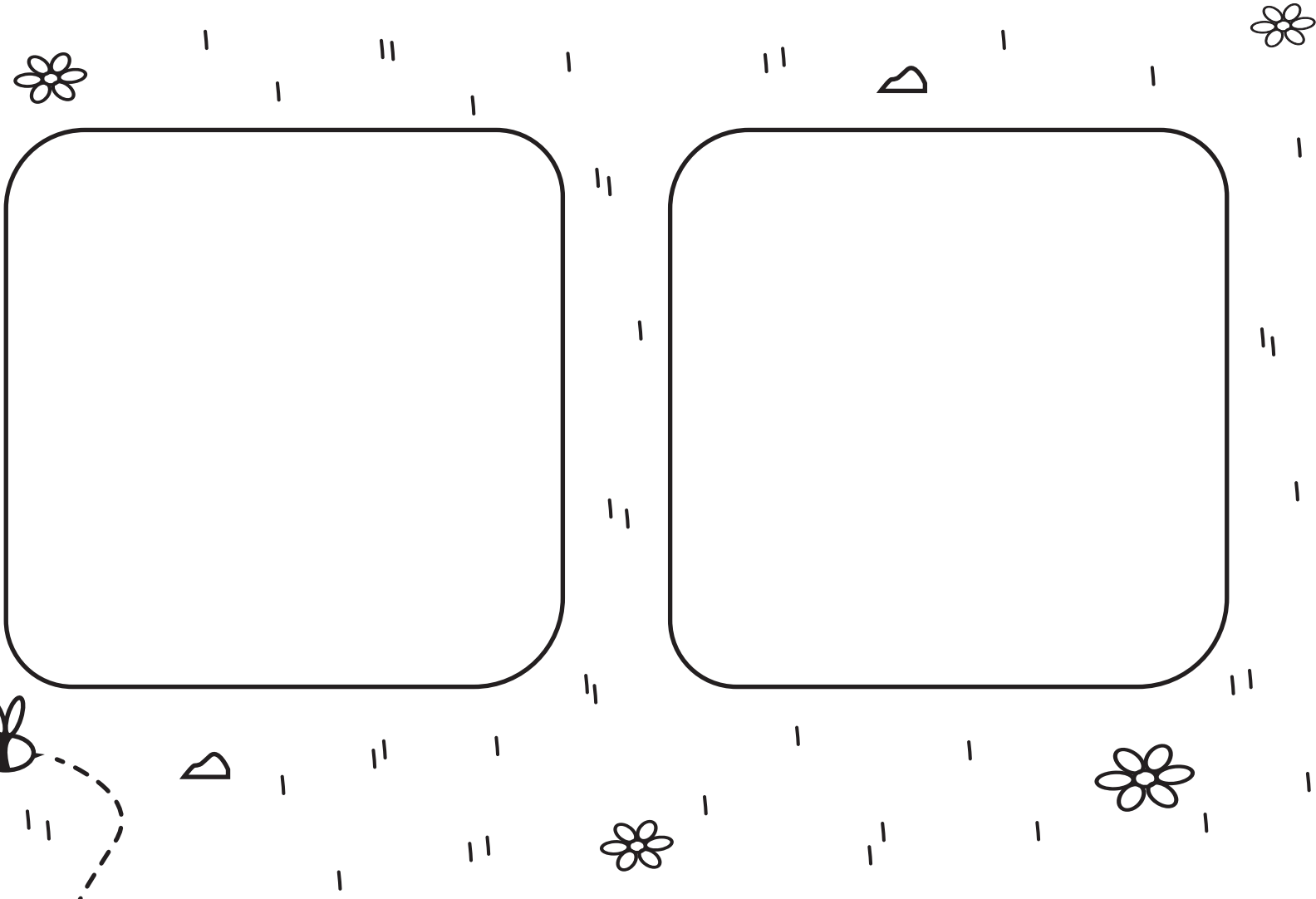
Rosie and her friends find the perfect spot to build the dog house in Mouse's backyard. The first step, is to dig a hole the size of Mouse's dog house to pour the concrete for the foundation.



Next, the friends take turns mixing the cement with the rocks, sand and water to make concrete in the wheelbarrow. When it's ready, Kenzo pours the concrete into the hole.

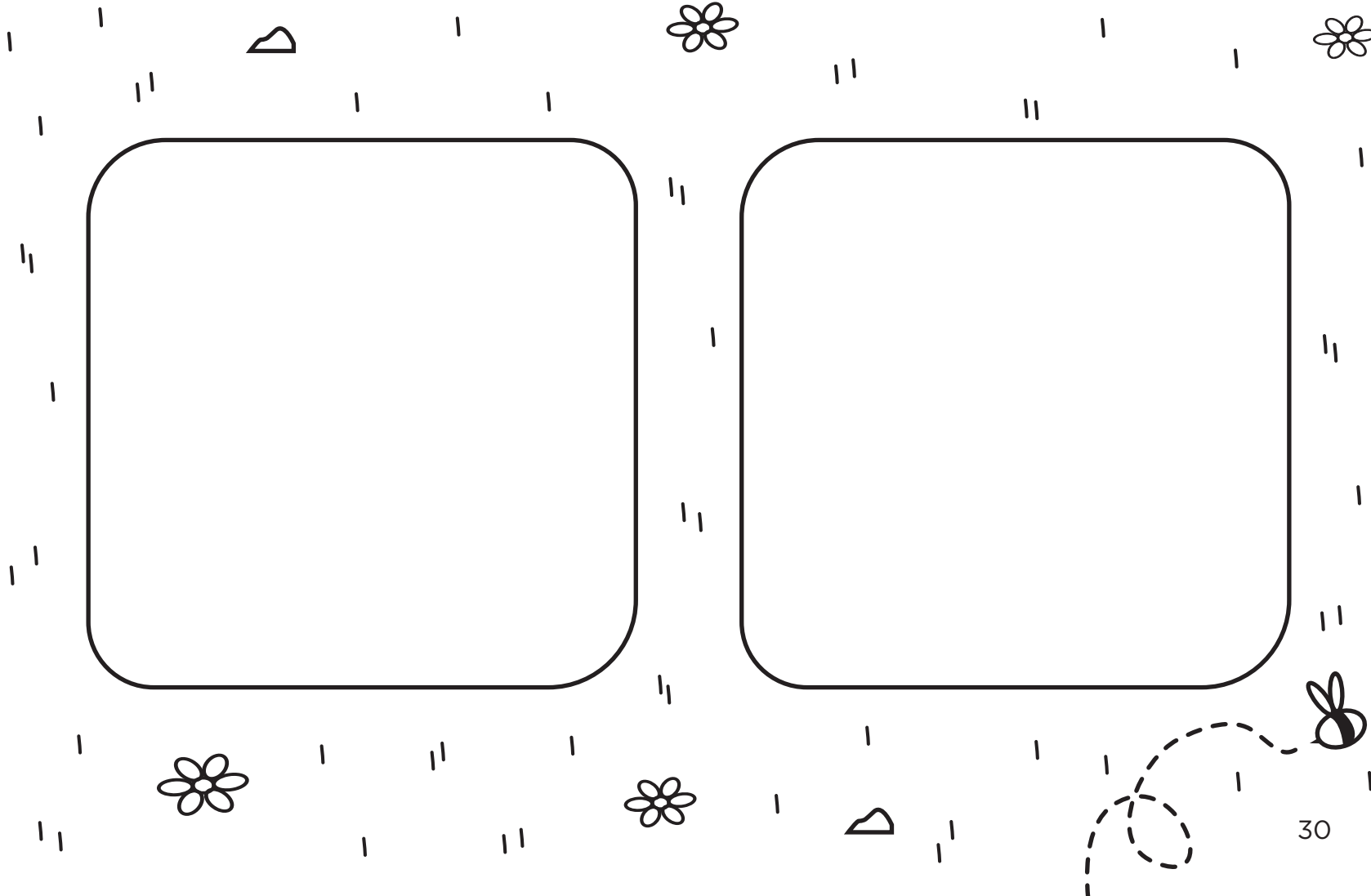


After the foundation is poured, Santi and Kenzo notice that they still have more concrete in the wheelbarrow. Rosie suggests making stepping stones in front of Mouse's dog house.

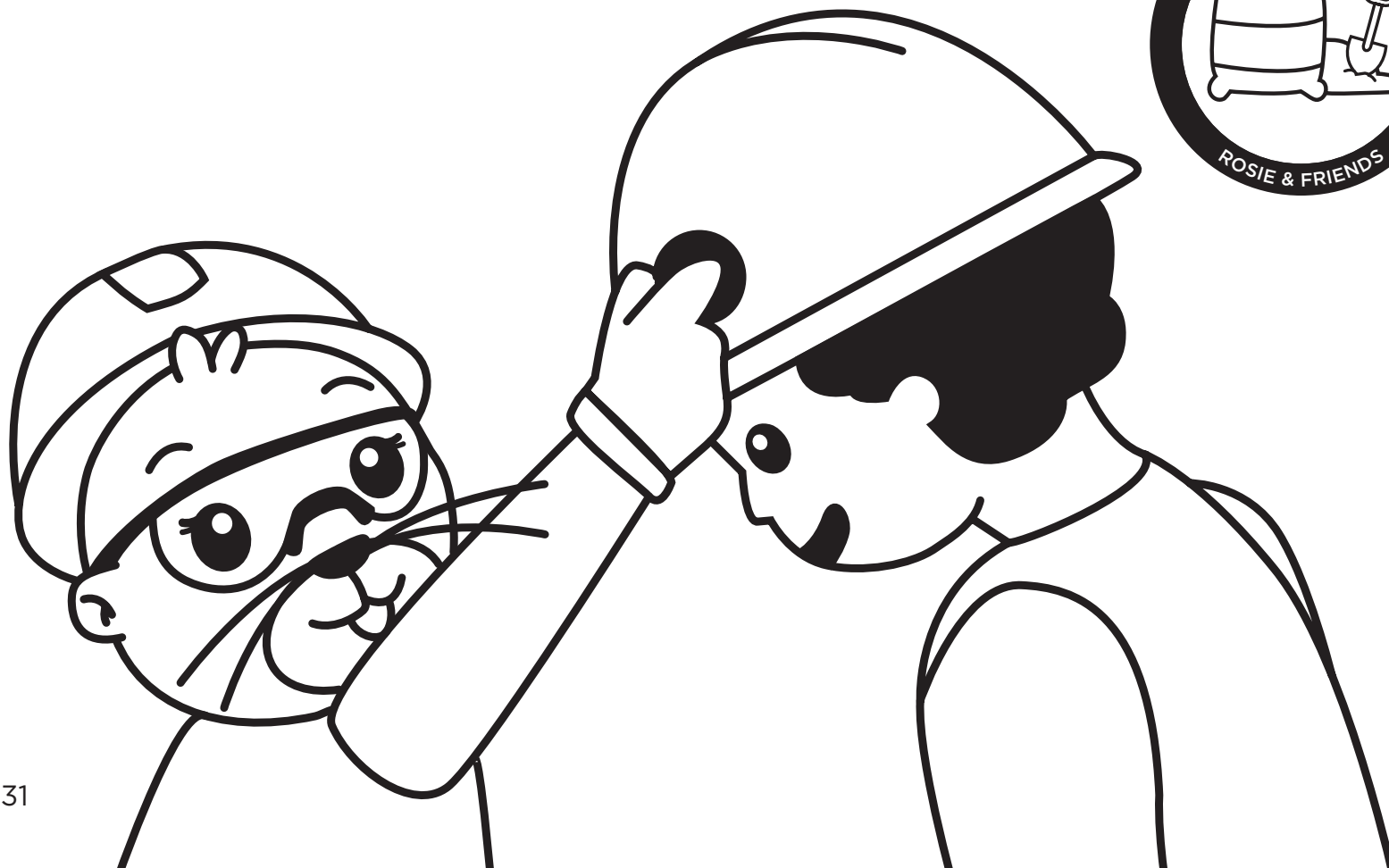




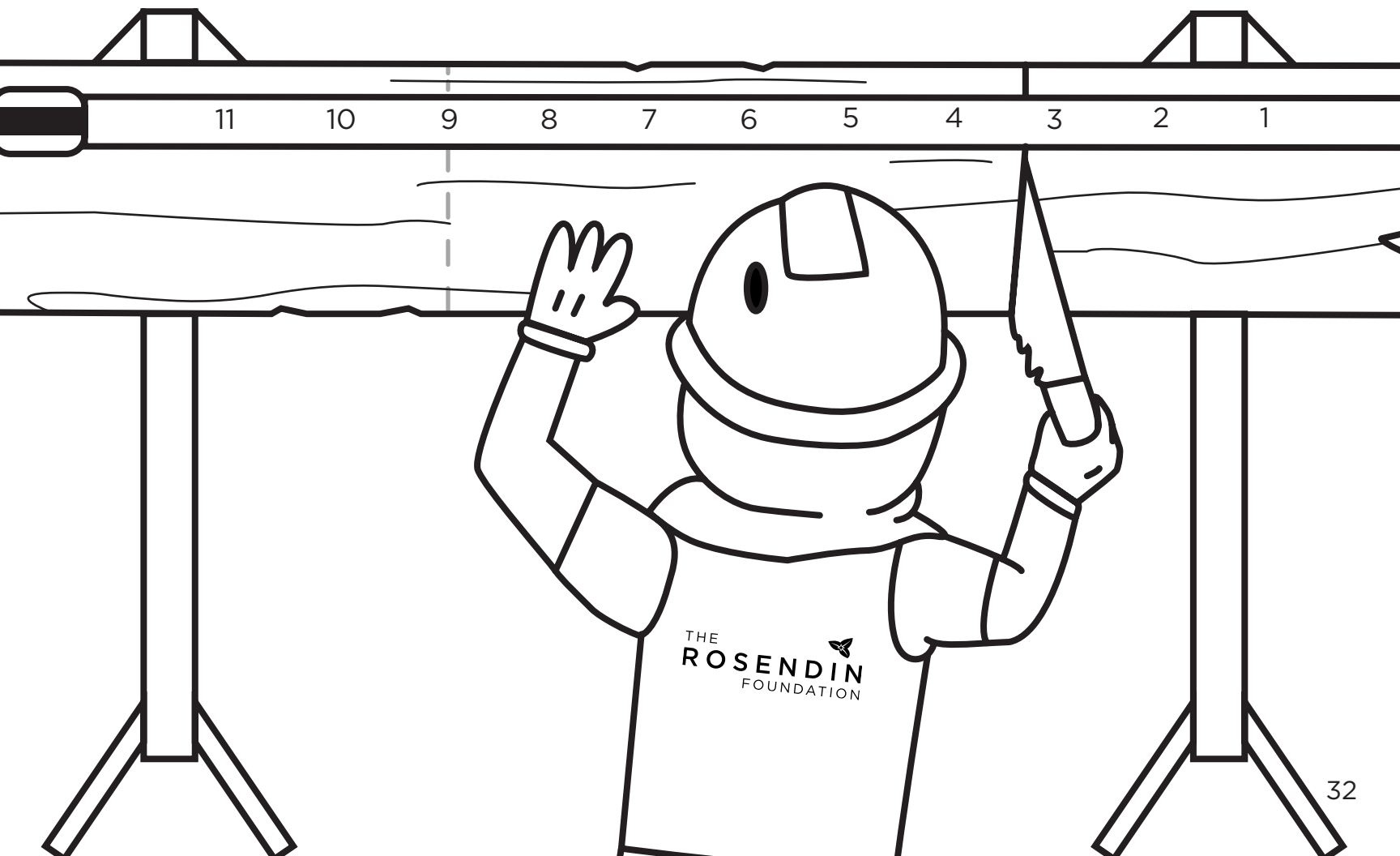
Amelia wants to decorate the stepping stones.  
Decorate the stepping stones that will lead up to Mouse's new dog house.



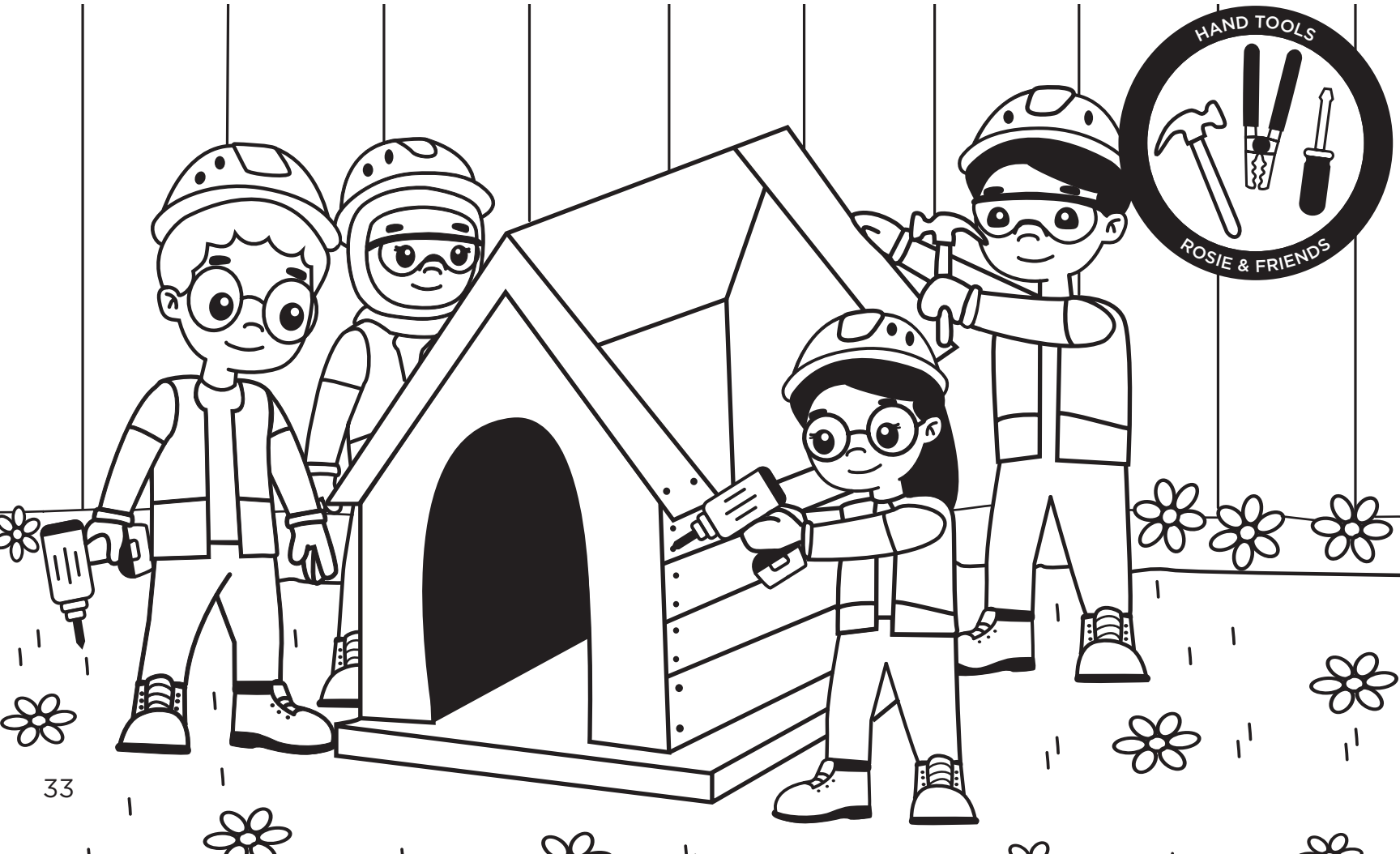
While the friends wait for the concrete to dry, Rosie puts a masonry sticker on their hard hats for learning how to make and pour concrete. Each time the friends finish a task, Rosie will give them a new hard hat sticker.



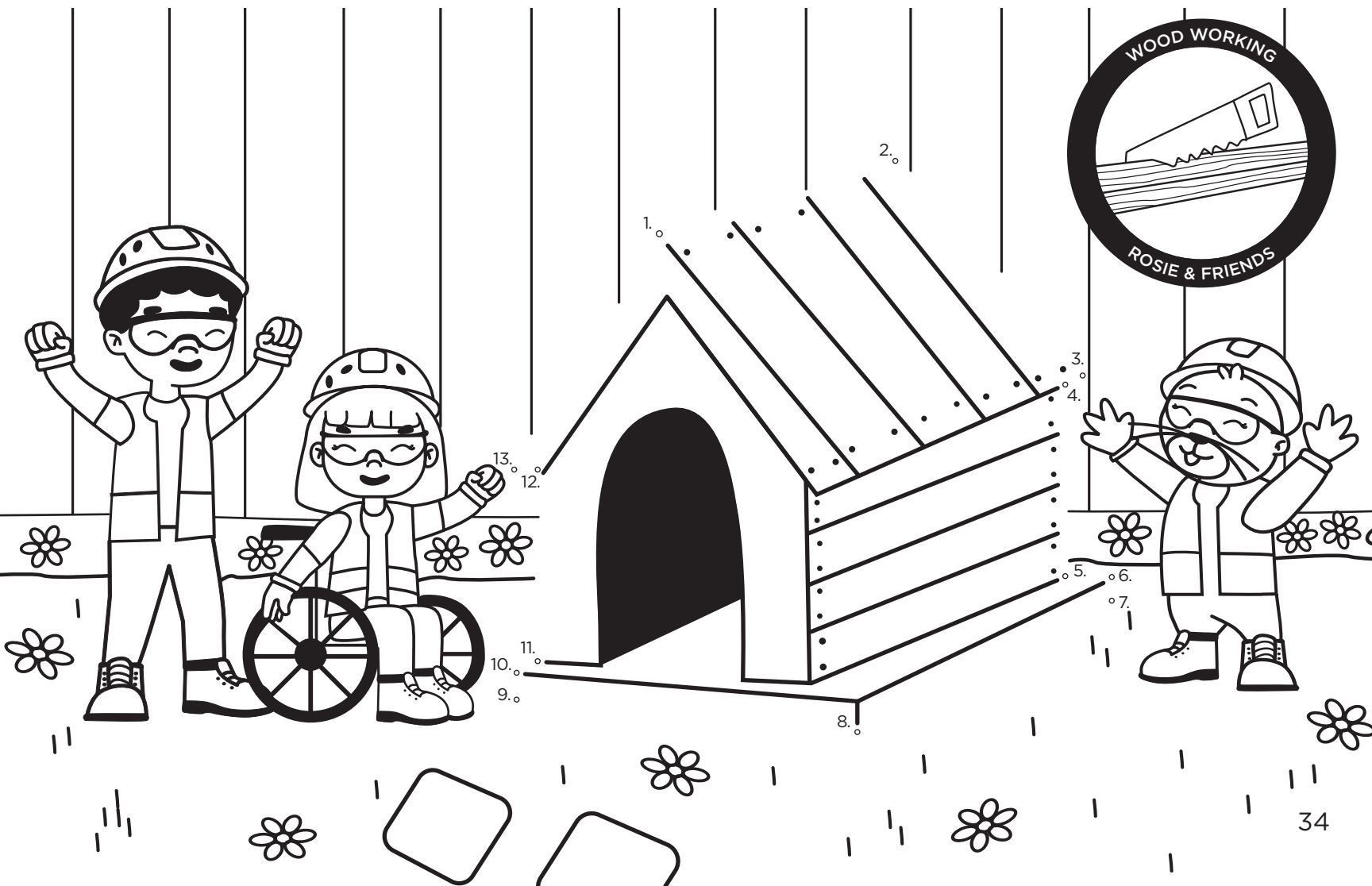
Now that the concrete has dried, Amelia begins measuring and cutting the wood to build Mouse's dog house. Amelia measures very carefully and marks the spot where she needs to cut. **Amelia makes a line at the 3 foot spot to know where she needs to cut. Can you make a line at the 9 foot spot and color in the area that you will use for Mouse's dog house?**



With all the wood cut to the right sizes, Santi and Naomi use screws and a drill to connect the walls of the dog house to the front and back pieces. Amelia and Kenzo use a hammer and nails to attach the pieces of wood for the roof to the walls.



YAY! The dog house is built! The next step is to paint the dog house.  
Connect the dots to see the finished dog house.



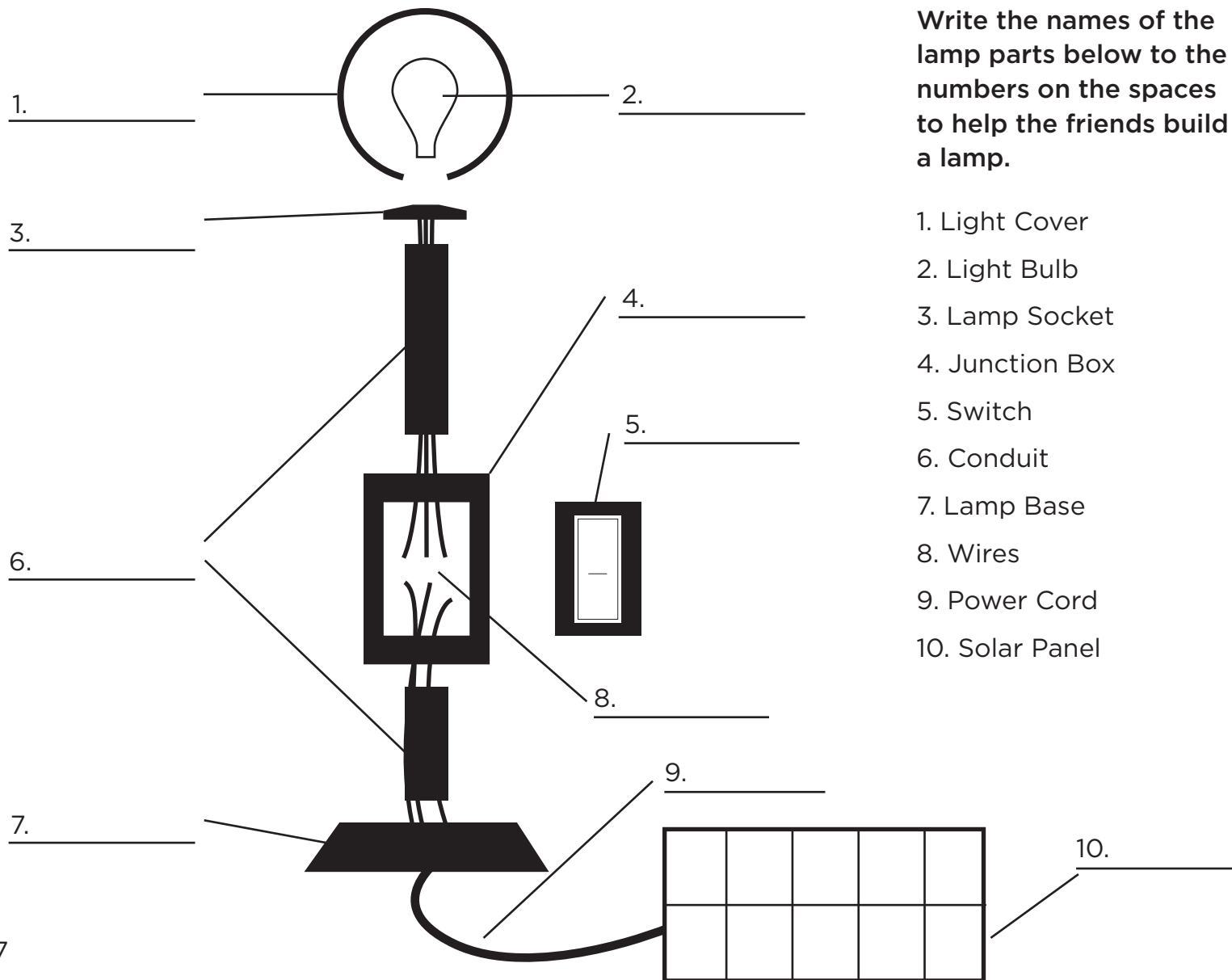
The friends help paint Mouse's dog house. Once the paint is dry, the dog house will be ready for Mouse. She'll be so excited! **Paint the dog house Mouse's favorite color.**

*Hint: Look on page 18 to see what Mouse's favorite color is.*



Aiden wondered how Mouse would see inside her new dog house without a light.  
Zoe had a great idea to build a lamp!





Write the names of the lamp parts below to the numbers on the spaces to help the friends build a lamp.

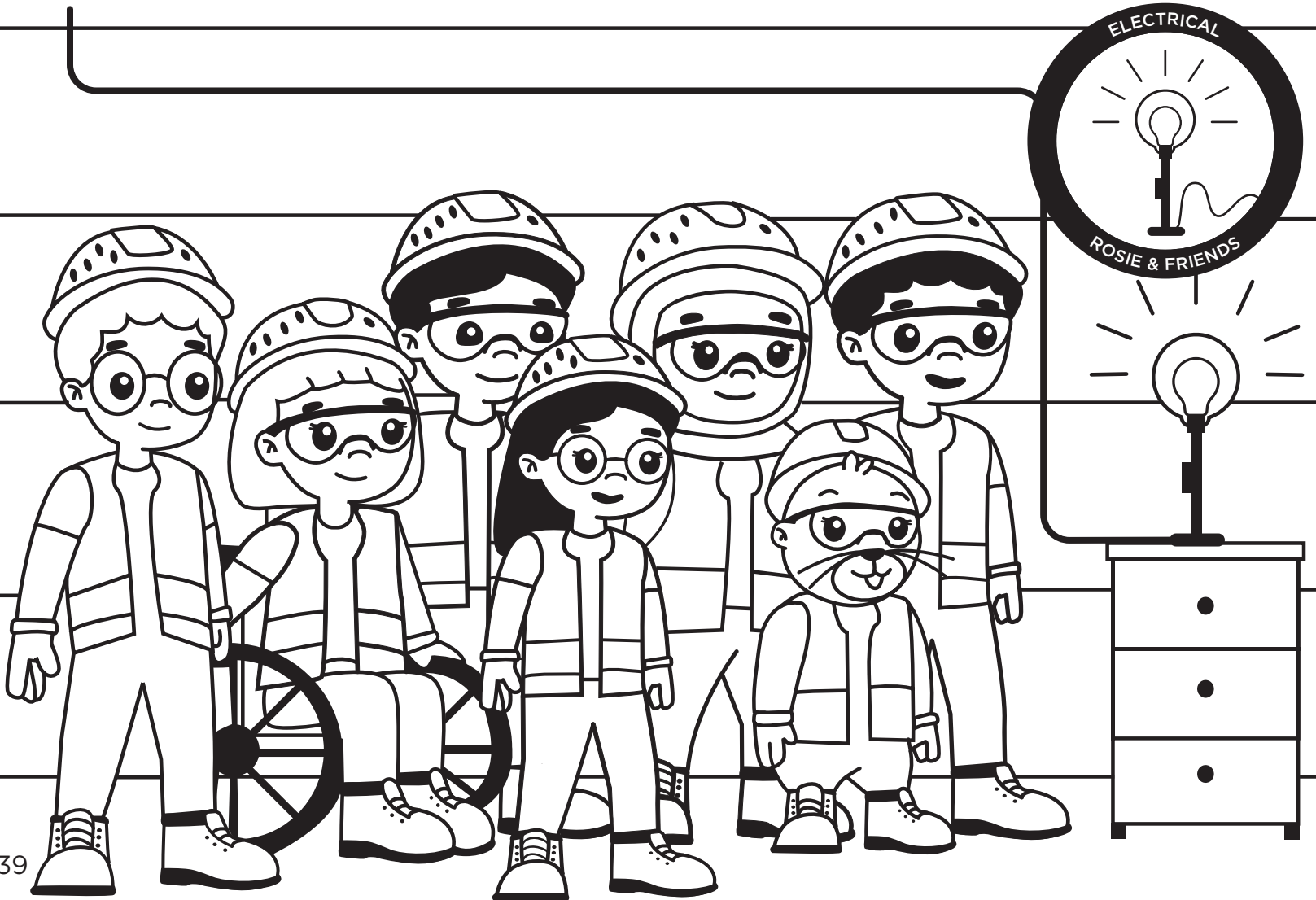
- 1. Light Cover
- 2. Light Bulb
- 3. Lamp Socket
- 4. Junction Box
- 5. Switch
- 6. Conduit
- 7. Lamp Base
- 8. Wires
- 9. Power Cord
- 10. Solar Panel



Aiden's dad helped Rosie and Naomi build the lamp. He made sure they followed the directions and put the correct wires together. He also talked to them about being an electrician and how important it is to work safely, including wearing PPE.



Once the lamp was finished, Aiden's dad screwed a solar panel on top of Mouse's dog house. The solar panel will get energy from the sun to light up the lamp. The friends are so excited!



Mouse had a fun day playing at the park. It's her favorite thing to do on her birthday, but she is hungry and tired now. When Mouse gets home she notices something different in the backyard.

**Circle what is different in Mouse's backyard.**



Mouse is very curious and runs to the backyard. Everyone yells, "SURPRISE!"  
All of Mouse's friends surprise her with smiles, balloons, and cake. Mouse is so happy!



Mouse is so excited about her new dog house because all of her friends built it for her. Mouse blows out the candles on her cake and she and her friends each enjoy a slice. They spend the rest of the day playing games, including fetch. This was the best birthday ever!







THE  
**ROSENDIN**  
FOUNDATION

**Dear Friend,**

Thank you for helping me and my friends build Mouse her new dog house. By building safely, we all learned how to build something new together. Building together is so much fun!

I hope you keep thinking about building and join all my friends at TRF Camp Build!

**Your best building friend,**

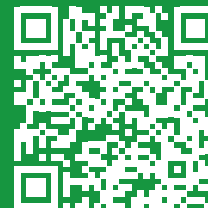
*Rosie*



### Learn to build like Rosie at TRF Camp Build!

At TRF Camp Build you can learn to mix concrete, make step stones, build a lamp, measure and cut wood, and even build a dog house that you gift to a dog that does not have one.

**Use the QR code to learn more about TRF Camp Build!**



**TRF Camp Build**



0.5 in

1 in

1.5 in

2 in

2.5 in

3 in

3.5 in

4 in

4.5 in

5 in

5.5 in

6 in

6.5 in

7 in

7.5 in

8 in

8.5 in