1 Diagrams

Listening

6 **Listen to a conversation between two electronics techs. Mark the following statements as true (T) or false (F).**

1 __ The man is missing the service manual.
2 __ The woman suggests finding a detailed picture.
3 __ They decide to look at the schematic diagram for help.

7 **Listen again and complete the conversation.**

Tech 1: Well, it would be helpful if I could see a 1 _____ _____ _____ _____.

Tech 2: Most manuals have diagrams in them. That one should, too. Check the index.

Tech 1: Yep, the 2 _____ _____ has several different types of diagrams in it.

Tech 2: Great. 3 _____ _____ of the components would be really helpful, don't you think?

Tech 1: You're right. Okay, so this manual has block, schematic, and 4 _____ _____.

Tech 2: Well, block diagrams are the most 5 _____, _____ ones. I don't think that will be helpful.

Tech 1: Then what about the pictorial diagrams?

Tech 2: No, that's more for showing connections of parts. You need the 6 _____ _____.



LIVEWORKSHEETS

5 Choosing components

Listening

6 **Listen to a conversation between a new technician and an experienced technician. Mark the following statements as true (T) or false (F).**

1 __ The woman is working on a computer.

2 __ Extra keyboards are kept in the basement.

3 __ The man suggests checking the stockpile for a keyboard.

7 **Listen again and complete the conversation.**

New Tech: Excuse me, Jack. I'm **1** _____ _____ _____ you while you're working, but I have a question.

Experienced Tech: That's okay. What do you need?

New Tech: I'm working on this computer. **2** _____ _____ _____ where I can find a keyboard for it?

Experienced Tech: We normally keep them in the storage closet.

New Tech: I already checked there but I didn't find any. Could they be somewhere else?

Experienced Tech: No. If they're not in there then **3** _____ _____ _____ have anymore.

New Tech: What should I do?

Experienced Tech: We have a whole **4** _____ _____ _____ machines downstairs. I think there are a few keyboards there.

New Tech: Will one of those work?

Experienced Tech: Yes. There's **5** _____ _____ with them. We just couldn't use the actual computers anymore.

New Tech: Okay, well I'll **6** _____ _____ _____.

LIVEWORKSHEETS

7 Balancing the load



SMARTIMPROVEMENTSMONTHLY - AUGUST

Listening

6 **Listen to a conversation between two electricians. Mark the following statements as true (T) or false (F).**

1 __ The dishwasher needs to be disconnected from the panel.

2 __ The woman believes that the electrical load needs balancing.

3 __ Breakers may need to be transferred from the high side to the low side.

7 **Listen again and complete the conversation.**

Electrician 1: First, you'll need to find out the amperage of all the appliances and fixtures. Do you have the **1** _____ _____?

Electrician 2: Yes, they're right here.

Electrician 1: Good. Next, you're going to **2** _____ _____ _____ on each side of the main panel.

Electrician 2: Okay. So **3** _____ _____ _____ tell us?

Electrician 1: Well, the totals on each side should **4** _____ _____, at least roughly.

Electrician 2: So I might need to transfer some of the breakers from the high side **5** _____ _____ _____ _____?

Electrician 1: **6** _____ _____ _____. Try that and then run the dishwasher again.

LIVEWORKSHEETS

1 How GFCIs work

Listening

6 **Listen to a conversation between a homeowner and an electrician. Mark the following statements as true (T) or false (F).**

1 __ GFCIs are not very expensive devices.

2 __ GFCIs should be tested every month.

3 __ GFCIs are different from regular outlets.

7 **Listen again and complete the conversation.**

Homeowner: Is installing GFCIs really all that important?

Electrician: It's **1** _____ _____ because they can prevent electric shock.

Homeowner: But don't all **2** _____ do that? Why are these so special?

Electrician: GFCIs are actually different. They compare **3** _____ and will shut off if the currents change.

Homeowner: But will it cost more to install them?

Electrician: GFCIs are actually **4** _____ _____ devices.

Homeowner: How reliable are they?

Electrician: They're **5** _____ very reliable. But you should still test all your GFCIs regularly.

Homeowner: How often is that?

Electrician: Usually it's **6** _____ .

LIVEWORKSHEETS

2 Types of GFCIs

Listening

6 **Listen to a conversation between two electricians. Mark the following statements as true (T) or false (F).**

1 __ It doesn't matter what type of GFCI is installed.

2 __ Appliances like hairdryers will not trip a circuit.

3 __ A standard GFCI device can be installed in a bathroom.

7 **Listen again and complete the conversation.**

Electrician 1: The **1** _____ is the last room we have to work on.

Electrician 2: **2** _____ _____ of GFCI are we going to go with?

Electrician 1: Let me see ... it isn't **3** _____ in the work order.

Electrician 2: Well, what's the most **4** _____ _____ to install?

Electrician 1: Actually, I think we should install what would **5** _____ _____ in the bathroom. It's better to be safe than sorry.

Electrician 2: I guess you're right. Do you have any **6** _____?

Electrician 1: I'm thinking we should go with a receptacle ground fault circuit interrupter.

Electrician 2: That's a standard type to use for a bathroom, right?

LIVEWORKSHEETS

12 Electrical safety

Listening

6 **Listen to a conversation between a new technician and an experienced technician. Mark the following statements as true (T) or false (F).**

1 __ The woman is working on a computer.

2 __ Extra keyboards are kept in the basement.

3 __ The man suggests checking the stockpile for a keyboard.

7 **Listen again and complete the conversation.**

New Tech: Excuse me, Jack. I'm 1 _____ _____ _____ you while you're working, but I have a question.

Experienced Tech: That's okay. What do you need?

New Tech: I'm working on this computer. **2** _____ _____ _____ where I can find a keyboard for it?

Experienced Tech: We normally keep them in the storage closet.

New Tech: I already checked there but I didn't find any. Could they be somewhere else?

Experienced Tech: No. If they're not in there then **3** _____ _____ _____ have anymore.

New Tech: What should I do?

Experienced Tech: We have a whole **4** _____ _____ _____ machines downstairs. I think there are a few keyboards there.

New Tech: Will one of those work?

Experienced Tech: Yes. There's 5 _____ _____ with them. We just couldn't use the actual computers anymore.

New Tech: Okay, well I'll 6 _____ _____ _____.

LIVEWORKSHEETS