

Be Disaster Safe Answer Sheet

LEVEL 1

Answers to *Be Prepared Cycle*

1. at top—show girl wearing a raincoat, rainboots and using an umbrella running into the school building, drenching wet from rain; teacher standing ready to greet the child and help with coat and things.
2. at right—cut out of girl all dry; clothes dry; hair dry, etc.
3. at bottom—cut out of girl watching weather report that predicts rain
4. at left—cut out of girl checking to see if rain coat and boots are ready by the door and getting an umbrella]

Answers to *What If...?*

1. Pets

Problem—The family is snowed in and their dog has no food.

Solution—Keep an extra bag of pet food on hand, in case of an emergency.

2. Emergency lighting

Problem—The storm has knocked out the electricity and there are no lights; the batteries for the flashlight are dead and there are no more in the box. It's dangerous to walk around in the dark, and you can't read either.

Solution—Put extra batteries in your disaster supplies kit. You'll need batteries for flashlights so you can walk safely and read. You also will need batteries for a portable radio so that you can hear reports on the storm.

3. Emergency evacuation

Problem—The family was told to evacuate before a hurricane but when they reach the evacuation route, their car is out of gas.

Solution—It is important to keep between a quarter and a half tank of gas in your vehicle if you live in an area that could be evacuated or in case of winter storms.

4. Seeking shelter at home

Problem—The family is seeking shelter from a storm and has a disaster supplies kit. They forgot to bring plenty of disposable diapers of the right size for the baby.

Solution—Infants, older people and people who are sick have needs in disasters that need to be remembered. Medicines, special foods or disposable diapers have to be included in their disaster supplies kits.

5. Heavy winds and rain

Problem—Summer toys and furniture will be lost or ruined or could do harm to others in a big wind and rainstorm. However, it's too late to run out and put things away now.

Solution—Always put away light furniture and toys that can blow in the wind before a storm comes.

Answers to *Who Can Help?*

1. An adult can use a ladder to retrieve the ball from the roof.
2. Call 9-1-1 or the local emergency number so a firefighter can put out the flames.
3. Call 9-1-1 or the local emergency number so the police can help and EMTs can come if someone is hurt.
4. An adult can bring a pump and inflate the tire.
5. Call 9-1-1 or the local emergency number so an ambulance will bring EMTs to help.

Be Disaster Safe Answer Sheet

Answers to *Little Red Hen*

- Who prepared to take on a job and finish it? (the Little Red Hen)
- How many steps did it take to prepare to bake the bread? (Four steps: planting the wheat; harvesting the wheat; taking the wheat to the mill to be ground into flour; and using the flour to bake the bread.)
- Which animals did not share responsibility? (the Little Black Dog, the Big Orange Cat and the Tiny Yellow Duck) Why? (They were too busy playing.)
- What problems did that make for the Little Red Hen? (She had to prepare the bread all by herself.)
- What problems did that make for her friends? (When the bread was baked, they ate none.)

LEVEL 2

Answers to *What Do We Do When...?*

1. D
2. E
3. B, C
4. A
5. C
6. B
7. A

Answers to *Survival Math*

1. Answer will depend on the number of family members.
2. 100.2 pounds; comparison answers will vary according to the weight of the students.
3. a. \$10.70
b. \$9.81

LEVEL 3

Answers to *What If?* will vary, but may include—

1. If electric lines are down, people could be deprived of light, working stoves, heating and air conditioning, radio, television, electricity-based phones or computers. Vital machinery and the devices of modern technology in hospitals and other essential institutions might not work.
2. If homes are flooded, furniture would be ruined and unusable, so there might not be anywhere to sleep or rest. The pilot lights of gas stoves and gas water heaters might be drowned, causing gas to escape into the air. Floors would be covered in mud and debris. The water supply might be contaminated.
3. If phone lines are inoperable, people would not be able to communicate with loved ones or with emergency personnel.

Be Disaster Safe Answer Sheet

4. If roads are blocked or washed out, emergency personnel could not reach those who need help, nor could people reach safe places or medical institutions. Evacuations might not be possible and certainly wouldn't be easy.
5. If hospitals are inaccessible, people in the hospitals may not have essential medicines or care, and people who need medical help will not receive it.
6. If people must abandon their homes for a safe place, they may not have the supplies they need for basic living, such as potable water, food and blankets.

Answers to *Expanding Circle Graph*

1. The person in the first circle will check himself or herself for injuries and safety. A Band-Aid will take care of the injury. The area immediately around his or her desk is safe. There seems to be no immediate further threat—other than aftershocks, which might cause further damage. So he will expand his focus to the next circle.
2. In the second circle, Student #1 observes that some students have cuts or scrapes, but no one is hurt badly. Part of the area in the circle is unsafe because a bookcase has fallen on one desk, trapping the child underneath, and there are books scattered all around, some leaning precariously on top of the desks. The children who are injured have only slight scrapes and together they can make the area safe for the children who are trapped under the bookcase or who have books balanced precariously on their desks.
3. In the third circle, Student #1 observes that everyone but one student is okay or has very minor injuries. However, the broken glass makes part of this area unsafe and must be swept up before some of the children can come out from under their desks to prevent additional injuries. The student who has collapsed under the chalkboard will require someone to call 9-1-1 for help.

Answers to *What Do We Do When...?*

1. D
2. E
3. B, C
4. A
5. C
6. B
7. A