

Jim In A Jam ¹

Answer Key

Instructions

Compare your answers to the questions in the story to the answers and ideas listed in this key. Discuss the answers and any differences of opinions with your friends and the instructor.

Your ideas are important and can help to improve this exercise. Therefore, please don't mark additional answers or change the answers you marked on your answer sheet.

Question A

- T 1. By walking around the tractor and baler, Jim has followed safety procedures.
- F 2. Jim is endangering himself by stepping over a rotating PTO shaft and also endangering others whom might have to rescue him. No PTO shaft, whether in perfect condition or not, should be crossed while it is rotating or if the tractor motor is on.
- F 3. It is never a good idea to lean or step over a moving PTO shaft. Although unlikely in this situation, another person could start the PTO shaft.

Question B

- T 4. Loose or dangling objects, such as clothing, shoe strings, drawstrings, necklaces, and long hair are the leading causes of entanglement in farm machinery. A T-shirt can instantly wind into a strong rope and pull the person into the machine. Any clothing can become entangled and can pull a person into the machine.
- T 5. Jim has probably done this before or seen others do this. Many people who have thought they could step over a rotating PTO shaft have been severely hurt or killed.
- T 6. In less than a second, Jim can get caught in the shaft. Loose clothing is a leading cause of entanglement. Jim is wearing baggy jeans that are more likely to be caught in machinery than tighter fitting clothing.
- T 7. Hay stubble, vines, rocks, and holes can trip Jim. At best he could be scratched up and bruised. At worst, he could be killed.

Question C

- T 8. It's too late for Jill or Mr. Ogden to get to the tractor and shut it off before Jim is entangled. But if they hear him over the noise of the equipment they may be able to shut it off before he is killed.
- F 9. The PTO is too powerful for Jim to free himself once his T-shirt is wound around the shaft.

¹ This answer key is to be used with the "Jim In A Jam" exercise problem booklet.

- F 10. Once his shirt and arm are caught and wound around the shaft, Jim can't pull free.
- F 11. PTO controls are located on the tractor away from the rotating shaft and out of the reach of someone entangled in the shaft.

Question D

- T 12. The average hospital charge for an injury like Jim's ranges from \$500 to \$1,000 per day. Jim's injury kept him in the hospital for 21 days (\$21,000). And the costs for his doctors could easily add another \$15,000 – \$20,000.
- F 13. With extra effort and expense Jim will likely have to use assistive devices to help him complete some of the tasks he would have been able to do if he still had both arms.
- T 14. Although Jim was working on a family farm, he was not a member of the family. Family members are exempt from the Fair Labor Standards Act. Until age 16 Jim is too young to be operating hazardous equipment or a tractor over 20 PTO horsepower without a certificate showing he had specialized training. Not only could Jim's parents sue the Ogdens for medical expenses, but the Ogdens could also face criminal charges.
- T 15. In time, Jim may not see himself as different, but for the rest of his life he will meet other people who will see him as different.
- T 16. Jim will have to learn new skills to continue in the sport he loves. This will require time, patience, and determination. He will have to prove these skills to other people who think his disability means he can never wrestle again.

Finding Your Score

Compare your answers to those on the answer key. Count the number you got correct.

If you got _____, you are:

16	Expert
12-15	Pretty good
8-11	Trying
0-7	In big trouble