



- 1** A screwdriver tightens or loosens screws. There are two kinds of screwdrivers: Flat Head or Phillips Head. Phillips Head screwdrivers have an end that looks like an 'X'. Which kind of screwdriver is this? _____
- 2** Tape measures are used to find the distance between two points. How many inches are shown on the tape? _____
- 3** Wrenches make bolts tighter or looser. They come in many different sizes. Which wrench size is second from the left? _____
- 4** What is this tool and how is it used?

Answers: 1) flat head/slotted/standard 2) 3 inches 3) 3/4 4) claw hammer



1

A payloader is used to scoop things up and move them to other areas. If you owned a farm, how would you use this payloader? _____

2

Planters are used to put seeds into the ground. Can you think of at least three field crops that are started by planting seeds? _____

3

Which of the machines on this poster would pull this planter? _____

4

It is important to do proper maintenance on equipment. This means farmers and ranchers must always be checking their equipment for any problems. What is a problem that could happen with the tires of the tractor? _____

Answers: 1) scooping grain and other feed products into wagons to feed livestock, moving bales of hay, scooping animal manure, etc. 2) Varies, ie corn, soybeans, wheat 3) tractor 4) tire pressure could be too low, object stuck in tire, etc.



- 1 There are different attachments for the front of payloaders. The bale fork can move bales up to half a ton. If a ton is 2,000 pounds, how many pounds could the bales weigh? _____
- 2 When you plant rows of corn that are spaced 24-30" apart and drive 5.5 miles per hour, you can plant 24 acres in one hour. If your field is 100 acres, about how long would it take to plant the field? _____
- 3 There have been many improvements made to tractors to increase safety. Find 3 things on the tractor that make it safe! _____

- 4 There is a lot of technology in farm equipment today. Some tractors include GPS (global positioning system) technology. Information gathered from this set of orbiting satellites allows farmers to plant and harvest in straight rows. Why is this important? _____

Answers: 1) 1,000 pounds 2) about 4 hrs 3) mirrors to see what's going on behind, headlights for nighttime work, flashings lights on the top for road travel, seat belts in driver and passenger sea 4) Reduce waste of seeds, fertilizer, and other inputs. Increase efficiency of harvesting.