



- 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.