1. In a centimeter of turf grass there are about 10.5 blades of grass. If a football field is 120 yards long and 53.3 yards wide, how many blades of grass are on a field?

2. If a natural walking stride is 28 inches, how many steps will you record as you walk down South Fork Loop in Provo Canyon (2.43 miles)?

3. How many hours are in a fortnight (2 weeks)?

4. The faster personal computers can execute 8 billion operations per second. For context, this computer can count every person on the earth in about 1 second. How long would it take for this computer to count to 6.02×10^{23}?

5. On average, there are 3 pages in every chapter of a James Patterson novel. Each book has approximately 79 chapters. James Patterson has published 58 books. Approximately how many pages has James Patterson published?

6. A newborn baby eats 8 times a day. At each feeding, he eats 2.5 ounces of liquid formula. How much will it cost to feed the child for a month (assume 30 days), if a 22.9 oz pack of dry formula costs $34.18 and 4.4 grams of dry formula makes 1oz of liquid formula. (Legit, this is off the formula container and the cost is current on Amazon).

7. Jonathan raised 60 goats, then entered into a series of business transactions. He traded all the goats for sheep at an exchange rate of 5 goats for 7 sheep. Next, he exchanged all the sheep for hogs at a rate of 4 sheep for 2 hogs. How many hogs did he get?

8. A large commercial farm can have 6 million egg laying chickens. Each chicken lays about 6 eggs a week. Eggs are shipped weekly from a poultry farm in trucks. Each carton of eggs holds 12 eggs. The cartons of eggs are then placed in a crate that holds 20 cartons. The cartons are packed in trucks that carry 3125 crates of eggs. How many truckloads will it take to carry a weeks production of eggs?

9. A chemistry teacher spends 3 minutes grading 1 student's lab. She has 105 students who turn in lab reports for each lab. If we do 15 labs during the year, how many hours will the teacher spend grading lab papers every year?

10. The average American (yes adults too) spends 4 hours 37 minutes on their phone per day. Assuming the average American gets a phone at age 11½ and lives to 77½ (the average life expectancy of an American) how many days will the "invest" in screens by the time they die?

11. Mark McGuire hit 70 home runs in the 1998 season. Given that there are 4 bases with 90 feet between each base, how many miles did he run in this season just from home runs?