

1. 75 students are on a field trip in Arvine Unified School District. Every school bus has 20 seats on it. If the school district buys the least amount of buses possible, how many empty seats are there on the bus?
2. If turkeys all have 2 legs and 2 wings and people have 2 legs and no wings, how many more turkeys are on the farm than humans if there are 24 wings and 30 legs?
3. Compute $(3 \times 6 - 2 \times 9)(3^4 + 1 + 89)(64 - 27)$.
4. What is the area of a triangle with side lengths of 3, 4, and 5?
5. A fire will burn out in 2 minutes if no fuel is added. If you add fuel you can extend the fire by 45 seconds. If Sushanth adds fuel once every minute starting after 1 minute has passed, how many seconds will have passed until the fire burns out?
6. Alex has 5 turkeys and Sushanth has 4 turkeys. Alex gives Sushanth two turkeys and then Sushanth gives Alex one turkey. They repeat this until one of them has no turkeys. How many turkeys will Sushanth have at the end?
7. Evan is participating in the traditional Thanksgiving speed eating contest. He has already eaten 3 turkeys, and his opponent has already eaten 5 turkeys. If Evan starts eating at a rate of 1 turkey every 15 minutes, and his opponent starts eating at a rate of 1 turkey every 30 minutes, how many minutes will it take Evan to catch up to his opponent?
8. What is the last digit of $2^7 + 7^2$?