

Assignment

- 1) Shreya spent \$64 on shirts. Tee shirts cost \$6 and long sleeve shirts cost \$14. If she bought a total of 8, then how many of each kind did she buy?
- 2) There are 13 animals in the field. Some are goats and some are chickens. There are 32 legs in all. How many of each animal are in the field?
- 3) A class used cars and buses to go on a field trip. They used 10 vehicles to go on the trip. Each car holds 5 students and each bus holds 15 students. If 130 students went on the trip, then how many of each type of vehicle did the class use?
- 4) Ashley bought 7 shirts for a total of \$47. Tee shirts cost \$6 and long sleeve shirts cost \$7. How many of each type of shirt did she buy?
- 5) A class used vans and buses to go on a field trip. They used 9 vehicles to go on the trip. Each van holds 11 students and each bus holds 15 students. If 119 students went on the trip, then how many of each type of vehicle did the class use?
- 6) A class used vans and buses to go on a field trip. They used 8 vehicles to go on the trip. Each van holds 9 students and each bus holds 55 students. If 348 students went on the trip, then how many of each type of vehicle did the class use?
- 7) There are 26 animals in the barn. Some are ducks and some are oxen. There are 86 legs in all. How many of each animal are there?
- 8) Carlos bought 10 books for a total of \$640. Math books cost \$60 and science books cost \$70. How many of each type of book did he buy?
- 9) A class of 295 students went on a field trip. They took 13 vehicles, some vans and some buses. Find the number of vans and the number of buses they took if each van holds 11 students and each bus hold 30 students.
- 10) A class used vans and buses to go on a field trip. They used 12 vehicles to go on the trip. Each van holds 10 students and each bus holds 25 students. If 195 students went on the trip, then how many of each type of vehicle did the class use?

Answers to Assignment

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| 1) 6 tee shirts and 2 long sleeve shirts | 2) 10 chickens and 3 goats | |
| 3) 2 cars and 8 buses | 4) 2 tee shirts and 5 long sleeve shirts | 5) 4 vans and 5 buses |
| 6) 2 vans and 6 buses | 7) 9 ducks and 17 oxen | |
| 8) 6 math books and 4 science books | 9) 5 vans and 8 buses | 10) 7 vans and 5 buses |