

Interpreting Remainders

Solve each problem. Show your work. Decide how to use any remainders when you answer the question. Label your answer.

1. Your teacher is organizing a field trip to Gerber's Pet Shop. If all the parents who are driving have cars which hold 6 passengers, how many cars are needed to transport 64 fifth graders?
2. Jenny has a piece of ribbon 52 inches long. She is tying ribbons around some gift packages. If she needs 8 equal pieces of ribbon, how long can she make each piece if she uses all 52 inches of ribbon?
3. Jean had a spool of ribbon with 294 inches of ribbon left on it. If she cut it into pieces to share equally with 8 friends and herself, how many inches of ribbon would each person get?
4. Kermit's math test scores were 85, 93, 98, 79, 95, and 89. What was his average score?
5. A square made of string is 655 cm on each side. If the same string is used to form a 5-sided figure with all sides the same length, how long will each side be?
6. How many pages of my photo album will it take to display the 254 pictures from my last vacation if each page holds 4 pictures?
7. Bugville Airlines seats 7 bugs in each row of seats in its airplanes. One plane holds 364 bugs. How many rows of seats does it have?
8. Nine children found a huge burlap bag with 2,784 pieces of candy in it. If the candy is divided equally, how many pieces will each child receive?
9. The zoo printed 7,386 free passes and gave them to 6 schools. How many passes did each school receive?