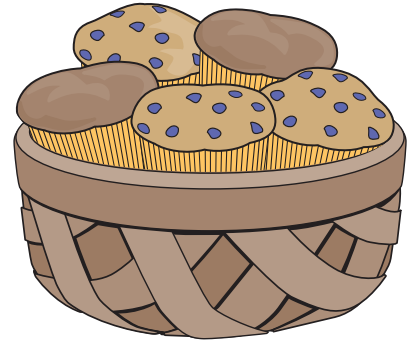


Division with Remainders

NCTM Standards 1, 2, 6, 7, 8, 9

Shawn made 128 muffins. He packed them in baskets with 7 muffins in each.

- 1 How many full baskets did he make?



- 2 How many muffins were left over?

128 people have signed up for the Vans Across America trip. Each van can take 7 people.



- 3 How many vans are needed for the trip?
Explain how you know.



- 4 How many empty seats are there?
Explain how you know.

Solve.

- 5 Ms. Kennedy's class tried to make groups of 3 for an activity, but 2 students were left over. How many students might be in Ms. Kennedy's class? (There are more than 12 students and fewer than 30.)
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- 6 Ms. Kennedy's class decided to make groups of 4 for the activity. This time no students were left over. Which is the number of students in the class?
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- 7 **Challenge** Mr. Tan's class can make groups of 2 or 3 without any students left over, but when they make groups of 5 there are 3 students left over. Mr. Tan has fewer than 30 students. How many students are in Mr. Tan's class?
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