

PROBLEM

SOLUTION

Challenge #2



Mr. Young is having a party and he has a lot of friends. There will be 127 people at the party and he is working out how many tables he needs for everyone.

Each table can hold **8** people.

Questions:

1. How many tables will he need?
2. How many will be sitting at the last table?
3. It costs \$25 per person for the food. How much will it cost for everyone? **\$**

$$D = b^2 - 4ac$$

$$V = \frac{1}{3} \pi r^2 h$$

$$\sin 2x = 2 \sin x \cos x$$

$$D = b^2 - 4ac$$