

Grade 5

Tito and Luis are stuffed with pizza! Tito ate one-fourth of a cheese pizza. Tito ate three-eighths of a pepperoni pizza. Tito ate one-half of a mushroom pizza. Luis ate five-eighths of a cheese pizza. Luis ate the other half of the mushroom pizza. All the pizzas were the same size. Tito says he ate more pizza than Luis because Luis did not eat any pepperoni pizza. Luis says they each ate the same amount of pizza. Who is correct? Show all your mathematical thinking.

Standard: 5.NF.1

Source: NYC DOE Stuffed with Pizza Unit

http://schools.nyc.gov/NR/rdonlyres/D0A70F2D-1133-418C-B68F-95E6D714F357/0/NYCDOEG5MathStuffedwithPizza_Final.pdf

Using a picture, show how six people could share four sandwiches. Then write an equation and solve.

Standard: 5.NF.3

Source: <https://www.engageny.org/resource/grade-5-mathematics-module-4>

There are 328 pages in each book. Miguel reads between 16 and 19 books during a quarter of the school year. What is the most number of pages that Miguel could have read? What is the least amount of pages?

Standard: 5.NBT.5

Source: <http://3-5cctask.ncdpi.wikispaces.net/5.NBT.5-5.NBT.7>