Task

4 girls share 5 pizzas equally.

6 boys share 7 pizzas equally.

All the pizzas are the same size.

Which statement do you agree with:

Rachel: 'Each girls gets more pizza than each boy.'

Paul: 'Each boy gets more pizza than each girl.'

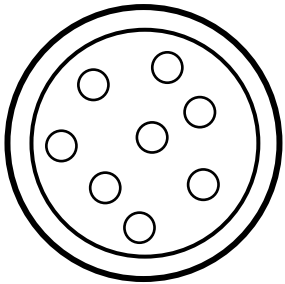*Sam: 'Each child gets the same amount of pizza.'*

Extend

4 children are about to share some pizzas.

Then Harry joins them. He brings another pizza to share.

Now that Harry has come, will each child have more, less or the same amount of pizza?
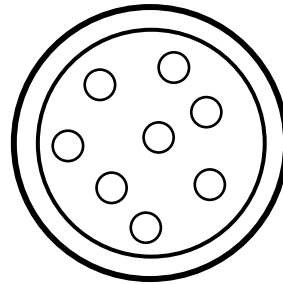
Support

4 girls share 5 pizzas equally. *The girls each get a whole pizza. Then they share the one last pizza.* **Show how the girls will share the last pizza:**

6 boys share 7 pizzas equally. *The boys each get a whole pizza. Then they share the one last pizza.* **Show how the boys will share the last pizza:**

Answers

Task: The girls each have $1\frac{1}{4}$ of a pizza, the boys each have $1\frac{1}{6}$ of a pizza. Therefore the girls have more pizza each.

Extend: If there were 4 pizzas before Harry came, each child would still get one pizza each. If there were more than 4 pizzas, each child would now get less pizza each. If there were less than 4 pizzas before Harry came, each child would get more pizza.