Comparing Fractions

1) Sally insists she had more pizza than her sister because she had 6/8 of hers and her sister had 5/6. Is she correct? Explain how you know.

2) Kayleigh says "All fractions are less than one." Do you agree? Convince me.

3) Three friends went shopping.

Steve spent 3/7 of his money.

Alfie spent 4/12 of his money.

Becky spent half of what Alfie spent.

Order them from smallest to largest by what they spent.

1) Sally insists she had more pizza than her sister because she had 6/8 of hers and her sister had 5/6. Is she correct? Explain how you know.

She is incorrect as when you make them equivalent fractions they become 6/8 = 36/48 5/6 = 40/48 which shows her sister had more pizza

2) Kayleigh says "All fractions are less than one." Do you agree? Convince me.

Answers may vary as some may try to answer that mixed number fractions consist of more than one and others will talk about a fraction being part of a whole one

3) Three friends went shopping.

Steve spent 3/7 of his money.

Alfie spent 4/12 of his money.

Becky spent half of what Alfie spent.

Order them from smallest to largest by what they spent.

Becky spent the least
Alfie spent the second least
Steve spent the most