

## Activity A

In groups of 4:

Choose to read out the parts of ...

Harriet

Andy

Dan

Sara

Then read out the scene and discuss what you think about Sue's claim that 'the fares are now back to what they were'.

### Rail prices



In January, fares went up by 20%.

In August, they went down by 20%.

Sue claims that:

"The fares are now back to what they were before the January increase."

Do you agree?

If not, what has she done wrong?

Harriet: That's wrong, because ... they went up by 20%, say you had £100 that's 5, no 10.

Andy: Yes, £10 so it's 90 quid, no 20% so that's £80. 20% of 100 is 80, ... no 20.

Harriet: Five twenties are in a hundred.

Dan: Say the fare was 100 and it went up by 20%, that's 120.

Sara: Then it went back down, so that's the same.

Harriet: No, because 20% of 120 is more than 20% of 100. It will go down by more so it will be less. Are you with me?

Andy: Would it go down by more?

Harriet: Yes because 20% of 120 is more than 20% of 100.

Andy: What is 20% of 120?

Dan: 96 ...

Harriet: It will go down more so it will be less than 100.

Dan: It will go to 96.

## Activity B

Read the scene below

In groups of 4:

Discuss what you think about Sue's claim that 'the fares are now back to what they were'.

### Rail prices



In January, fares went up by 20%.

In August, they went down by 20%.

Sue claims that:

"The fares are now back to what they were before the January increase."

Do you agree?

If not, what has she done wrong?

Harriet: That's wrong, because . . . they went up by 20%, say you had £100 that's 5, no 10.

Andy: Yes, £10 so it's 90 quid, no 20% so that's £80. 20% of 100 is 80, . . . no 20.

Harriet: Five twenties are in a hundred.

Dan: Say the fare was 100 and it went up by 20%, that's 120.

Sara: Then it went back down, so that's the same.

Harriet: No, because 20% of 120 is more than 20% of 100. It will go down by more so it will be less. Are you with me?

Andy: Would it go down by more?

Harriet: Yes because 20% of 120 is more than 20% of 100.

Andy: What is 20% of 120?

Dan: 96 . . .

Harriet: It will go down more so it will be less than 100.

Dan: It will go to 96.

## Activity C

In groups of 4:

Read the statement from Sue below. Do you agree with Sue's claim that 'the fares are now back to what they were'.

### Rail prices



In January, fares went up by 20%.

In August, they went down by 20%.

Sue claims that:

"The fares are now back to what they were before the January increase."

Do you agree?

If not, what has she done wrong?