

## FRIDAY – LEVEL 1 REASONING AND PROBLEM SOLVING

Sue thinks of a number. 50% of Sue's number is 35.

a) Work out 10% of Sue's number.

b) Work out 1% of Sue's number.

Mo says,

To find 10% you divide  
by 10, so to find 50%  
you divide by 50



Do you agree? Explain why.

Eva says to find 1% of a number, you divide by 100

Whitney says to find 1% of a number, you divide by 10  
and then by 10 again.

Who do you agree with?

Explain your answer.

Joel is trying to find 10% of the number 342.

Joel says, 'I know I need to divide by 10 to find 10%. However, I can't divide this number by 10  
as it is not a multiple of 10.'

Is Joel's statement correct? Explain your reasoning.

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