Eva says,

50% is equivalent to $\frac{1}{2}$
To find 50% of an amount, I can divide by 2

Complete the sentences.

25% is equivalent to $\frac{1}{\Box}$ To find 25% of an amount, divide by ___

10% is equivalent to $\frac{1}{\Box}$ To find 10% of an amount, divide by ___
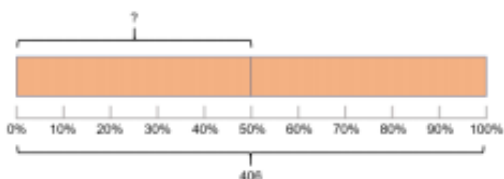
1% is equivalent to $\frac{1}{\Box}$ To find 1% of an amount, divide by ___
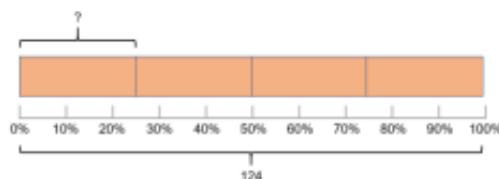
Explain how you would find:

20%, 40%, 15%, 75%

Is there more than one way?

Use the bar models to help you complete the calculations.

?										

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

406

50% of 406 =

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

124

25% of 124 =

50% of 300 = ☐	25% of 300 = ☐	10% of 300 = ☐
50% of 30 = ☐	25% of 30 = ☐	10% of 30 = ☐
50% of 60 = ☐	25% of 60 = ☐	10% of 60 = ☐

1% of 300 = ☐

1% of 30 = ☐

1% of 60 = ☐

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.