

Prediction: I predict that this sum will use prior knowledge to solve this sum.

Read: Fill in the missing number.

$$36 \div \boxed{} = 4$$

Clarify: I have nothing to clarify.

Mathematician's toolbox: work backwards

Solving:

1. I decide to think: what $\times 4 = 36$? Well $4 \times 9 = 36$.
2. So we shall put the 9 in the blank spot to look like this: $36 \div 9 = 4$

Conclusion: this sum was a right there question and if you know that $4 \times 9 = 36$ this sum is easy.