

Tuesday 25<sup>th</sup> January 2021

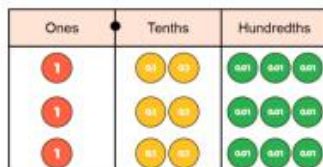
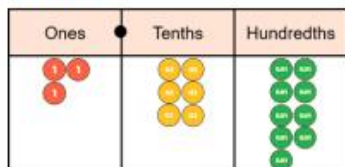
## To divide decimals by integers

### Practice



Divide 3.69 by 3

Use the diagrams to show the difference between grouping and by sharing?



Use these methods to complete the sentences.

3 ones divided by 3 is \_\_\_\_\_ ones.

6 tenths divided by 3 is \_\_\_\_\_ tenths.

9 hundredths divided by 3 is \_\_\_\_\_ hundredths.

Therefore, 3.69 divided by 3 is \_\_\_\_\_



Decide whether you will use grouping or sharing and use the place value chart and counters to solve:

$$7.55 \div 5$$

$$8.16 \div 3$$

$$3.3 \div 6$$

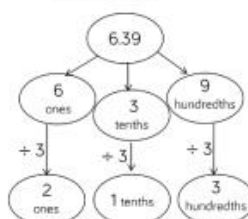


Amir solves  $6.39 \div 3$  using a part whole method.

Use this method to solve

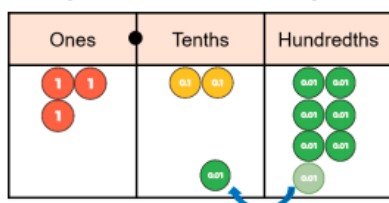
$$8.48 \div 2 \quad 6.9 \div 3 \quad 6.12 \div 3$$

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### Reasoning

When using the counters to answer  $3.27$  divided by 3, this is what Tommy did:



Tommy says,



I only had 2 counters in the tenths column, so I moved one of the hundredths so each column could be grouped in 3s.

Do you agree with what Tommy has done? Explain why.

## Problem Solving

$$\begin{aligned} \text{C is } \frac{1}{4} \text{ of A} \\ \text{B} = \text{C} + 2 \end{aligned}$$

Use the clues to complete the division.

$$\begin{array}{r} \text{O} \quad \text{B} \quad \text{B} \\ \text{A} \overline{) \text{C} \text{.} \text{C} \text{B} \text{C} \text{2}} \end{array}$$