

## Monday Challenge



Tommy says,



The more decimal places a number has, the smaller the number is.

Do you agree?  
Explain why.

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## Tuesday Challenge



Alex says that 3.24 can be written as 2 ones, 13 tenths and 4 hundredths.

Do you agree?

How can you partition 3.24 starting with 2 ones?

How can you partition 3.24 starting with 1 one?

Think about exchanging between columns.

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## Wednesday Challenge



Four children are thinking of four different numbers.

3.454

4.445

4.345

3.54

**Teddy:** “My number has four hundredths.”

**Alex:** “My number has the same amount of ones, tenths and hundredths.”

**Dora:** “My number has less ones than tenths and hundredths.”

**Jack:** “My number has 2 decimal places.”

Match each number to the correct child.

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## Thursday Challenge



Dora says,



When you multiply by 100, you should add two zeros.

Do you agree?  
Explain your thinking.

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## Friday Challenge



Can you find a path from 6 to 0.06?  
You cannot make diagonal moves.

6	$\times 10$	$\times 10$	$\div 100$
$\div 10$	$\times 100$	$\times 100$	$\div 10$
$\times 10$	$\div 10$	$\div 1,000$	$\div 100$
$\div 1,000$	$\times 1,000$	$\times 100$	0.06

Is there more than one way?