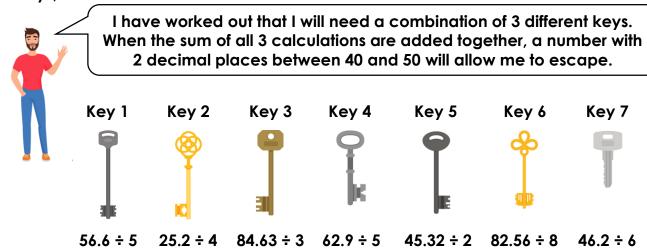
## **Divide Decimals by Integers**

1. James is trying to solve a puzzle in an escape room.

He has found several keys with different division calculations on each one.

He says,

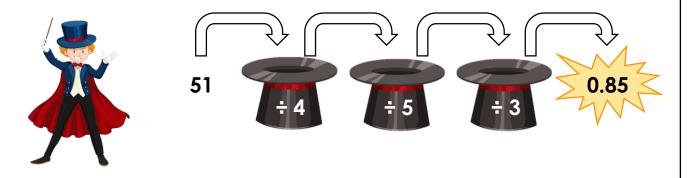


What could this number be? Investigate which combination of keys James could use in order to solve the puzzle. Explore different possible solutions.

2. Marvin the Magician has 3 magical hats that divide anything placed in them by the 1-digit number shown on the front.

He wants to find 2-digit numbers that, when placed in his hats in succession, create a final number that is between 0 and 5 with 2 decimal places.

He has already found one 2-digit number that works:



Explore other possible numbers that Marvin could put in his hats.

Investigate the outcomes if Marvin changed the order of his hats.

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