

To use short division to divide 3-digit numbers

$$186 \div 6 = 031$$

no groups of 6
can be made

$3 \times 6 = 18$

$1 \times 6 = 6$

- | | |
|------------------------|-----------------------|
| 1. $366 \div 3 = 122$ | 6. $688 \div 4 = 172$ |
| 2. $568 \div 4 = 142$ | 7. $744 \div 3 = 248$ |
| 3. $236 \div 3 = 78r2$ | 8. $272 \div 4 = 68$ |
| 4. $476 \div 4 = 119$ | 9. $696 \div 6 = 116$ |
| 5. $675 \div 5 = 135$ | 10. $228 \div 4 = 57$ |

Mastery: To explain mistakes in calculations using short division

Jamie is using short division to divide 3-digit numbers.

He has done these calculations but he isn't sure if they are right. You need to check them for him.

You will need to **fully explain any mistakes** you find so Jamie can know what he will need to do next time.

<p>H T O</p> 073 $6 \overline{) \cancel{3}^3 \cancel{7}^1 8}$ <div style="border: 1px solid red; padding: 2px; width: fit-content; margin: 0 auto;">$378 \div 6 = 73$</div>	<p>H T O</p> 11 $5 \overline{) 505}$ <div style="border: 1px solid red; padding: 2px; width: fit-content; margin: 0 auto;">$505 \div 5 = 11$</div>
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Key Vocabulary: hundreds, tens, ones, column, groups of, exchanged, place value, place holder

First one: he think that 7 lots of 6s go into 37, but only 6 do. It should be 63.

Second one: He has forgotten to put a 0 in the tens column as a place holder, so it should be 101.