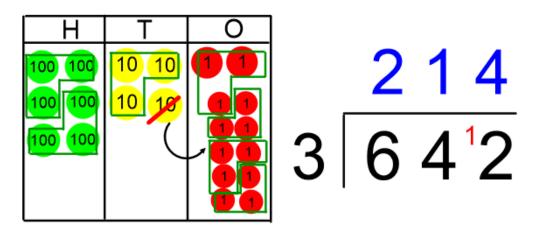
01.04.20 Y4 Maths – bus stop division

Division with an exchange:

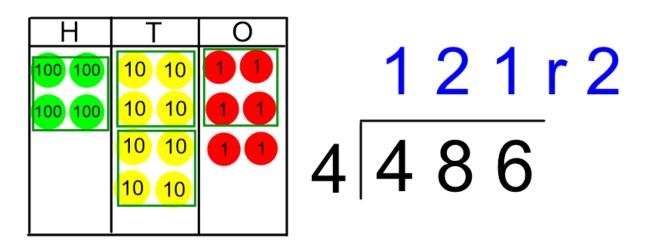
$$642 \div 3 = 214$$



- 1. With the 6 hundreds, we can make 2 groups of 3 so write 2 above the 6 on the bus stop.
- 2. With the 4 tens, we can make 1 group of 3 so write 1 above the 4 on the bus stop.
- 3. There is a ten left over so exchange it for 10 ones. Show on the bus stop that we now have 12 ones.
- 4. With the 12 ones, we can make 4 groups of 3 so write 4 above the 2 on the bus stop.
- 5. $642 \div 3 = 214$

Division with a remainder:

$$486 \div 4 = 121 \text{ r } 2$$



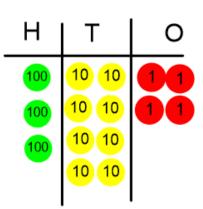
- 1. With the 4 hundreds, we can make 1 group of 4 so write 1 above the 4 on the bus stop.
- 2. With the 8 tens, we can make 2 groups of 4 so write 2 above the 8 on the bus stop.
- 3. With the 6 ones, we can make 1 group of 4 so write 1 above the 6 on the bus stop.
- 4. There are 2 ones left over so we have 'remainder 2' which we write as 'r 2'.
- 5. $486 \div 4 = 121 \text{ r } 2$

- 1. $948 \div 3 =$
- 2. $496 \div 2 =$
- 3. $655 \div 5 =$
- 4. $487 \div 4 =$
- 5. $697 \div 3 =$
- 6. $559 \div 5 =$
- 7. $673 \div 3 =$
- 8. $898 \div 4 =$
- 9. $725 \div 3 =$

Challenge 1:

Which one's correct?

Find the correct calculation. Spot the mistakes.



Challenge 2:

Which of these divisions is the easiest and which is the hardest? Explain.