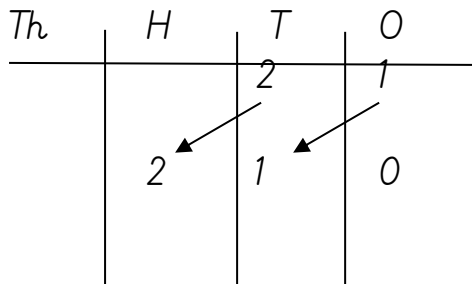


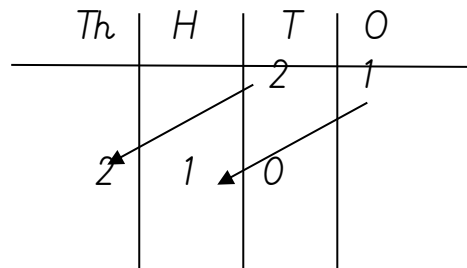
These word problems involve multiplying and dividing by 10 and 100.

Remember when multiplying by 10 or 100, the number gets bigger, the digits move one or two spaces to the left. When dividing, the number moves to the right. For example:

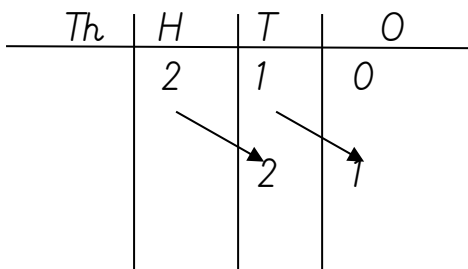
$$21 \times 10 = 210$$



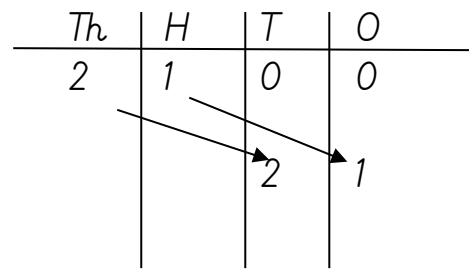
$$21 \times 100 = 2100$$



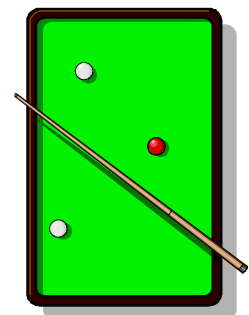
$$210 \div 10 = 21$$



$$2100 \div 100 = 21$$



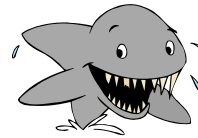
1. Edgar has 230 sweets. He wants to share them out equally between himself and his 9 friends. How many sweets will they get each?
2. Bob and his friends are going on holiday to France - 370 miles away. If there are 10 people going and they agree to share the driving equally, how many miles will they each drive?
3. On a snooker table there is 1 yellow ball, 1 green ball, 1 brown ball, 1 blue ball, 1 pink ball, 1 black ball and 15 red balls. How many red balls are there on 10 snooker tables?



4. Hugo has bought some football cards off ebay. The first packet arrives and has 16 in it. A letter says there will be 100 more equal packets arriving. How many more football cards will arrive?
5. David sells his old PS2 games for £10 each. He has 23 games. How much money will he make?
6. If one mole can make 31 molehills in a day, how many molehills can 100 moles make in one day?



7. There are 22 pupils in Miss Magee's maths class. How many toes are there? Remember to include the teacher and remember that Miss Magee had one toe bitten off by a shark when she was little.



8. Sweets cost 10p each and drinks cost £1. Suzy buys 2 drinks and 8 sweets. How much does that cost?
9. Mr Craig plays football at the weekend for a local team. He is paid £100 for each goal the team scores but he has to pay £10 every time the other team scores. Last weekend his team won 5-3. How much was Mr Craig paid.



10. Mrs Quinn did her GCSE's in 2005. For every A\* (A star) her Dad paid her £100, for every A she got £10 and for every B she got £2. Her results were 3 A\*'s, 2 A's and 5 B's, how much money did she receive?

## Answers

1. 23
2. 37
3. 150
4. 1600
5. £230
6. 3100
7. 229
8. £2.80
9. £470
10. £330