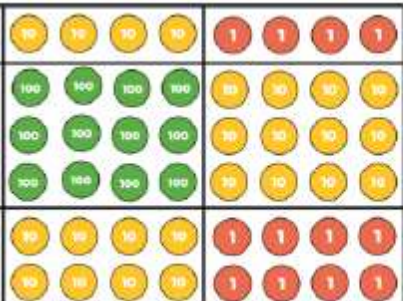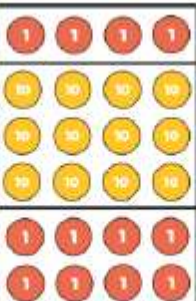# Tuesday's Maths Sheet

Learning Objective: Multiply 2digits by 2 digits

Your Maths Pack has a number of resources that will help you. The 'Place Value Headings' sheet is useful, there should also be some dice in the pack.

Please complete at least 5 minutes on Times Tables Rockstars and also play https://www.transum.org/Software/Fast_Factors/Default.asp 'Fast Factors' to improve your times table recall even more.

Practise

1. **Here are 2 ways of calculating 44x32. Which method do you prefer and why?**

×	40	4
30	1,200	120
2	80	8

2. Use dice to create 5 more 2dx2d calculations and use the grid method to answer them.

Reasoning and Problem Solving

3.

Eva says,

To multiply 23 by 57 I just need to calculate 20 × 50 and 3 × 7 and then add the totals.

What mistake has Eva made? Explain your answer.

4.

Amir hasn't finished his calculation. Complete the missing information and record the calculation with an answer.

×	40	2
40		
6		

Answers

Reasoning and Problem Solving

3.

Eva's calculation does not include 20 ×7 and 50 ×3
4.

Amir needs 8 more hundreds, 40 ×40 =1,600 and he only has 800
His calculation is
42 ×46 =1,932