



2



Five Strands of Mathematical Proficiency Kilpatrick, J. et al (2001) Adding It Up: Helping Children Learn Mathematics

<u>4</u>





5





8



3 7 < 6 2
3 9 < 4 1
1. Score your own game and post your total number of points in the chat.
2. Can you recreate an arrangement of the digits that would result in someone else's point total?
3. How could you arrange the same digits (shown above) to maximise your score? (Please share your reasoning in the chat but don't include the total that you think is the maximum!)
4. Imagine playing this game with your class. Please post in the chat any comments or questions that you think might come up.
2. Micrometry of Cambridge 200
2. Micrometry of Cambridge 200

Understanding - Maths is a network of linked ideas. I can connect new mathematical thinking to what I already know and understand. Tools - I have a toolkit that I can choose tools 53 from to help me solve problems. Practising using these tools helps me become a better mathematician. Problem solving - Problem solving is an important part of Maths. I can use my understanding, skills and reasoning to help me work towards solutions. Reasoning - Maths is logical. I can convince myself that my thinking is correct and I can explain my reasoning to others. Attitude - Maths makes sense and is worth spending time on. I can enjoy Maths and become better at it by persevering. Adapted from Kilpatrick, J. et al (2001) Adding It Up: Helping Children Learn Mathematics © University of Can



<u>11</u>



Strike It Out (nrich.maths.org/strike-it-out)
 Privacy Execution
 Entry
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 Execution
 Tendory
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 Tendory
 <thTendory</th>
 Strike it Out What do you notice? State 1 2 1 2 5 6 7 8 4. Find a gro says of askin Can you work out how to play the gas What do you think the rules might be nrich.maths.org

14



<u>15</u>



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500

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<u>20</u>



<u>21</u>



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