

# Explain it	<ol style="list-style-type: none"> 1. Explain their processes in solving a problem one way. 2. Explain their thought processes in solving a problem and representing it in several ways. 3. Discuss, explain and demonstrate solving a problem with multiple representations and in multiple ways. 	<p>What do you think about what ____ said?</p> <p>Do you agree? Why not?</p> <p>Does anyone have the same answer but a different way to explain it?</p> <p>What did other members of your group try?</p> <p>How would you describe the problem in your own words?</p> <p>What do you know that is not stated in the problem?</p> <p>How do you tackle similar problems?</p> <p>Could you try it with different numbers?</p>
# Prove it	<ol style="list-style-type: none"> 1. Prove their thinking for the solution they have found. 2. Prove their thinking with accurate vocabulary. 3. Justify, with accurate language and vocabulary why their solution is correct. 	<p>How did you reach that conclusion?</p> <p>How might you justify your thinking – in words?</p> <p>Convince someone you are right through explaining your reasoning.</p> <p>Can you refine your argument by explaining in a different way?</p>
# Draw it	<ol style="list-style-type: none"> 1. Reason with models or pictorial representations to solve problems. 2. Are able to translate situations into symbols for solving problems. 3. Convert situations into symbols to appropriately solve problems as well as convert symbols into meaningful situations. 	<p>How could you use a diagram to further your understanding?</p> <p>Can you illustrate your thinking by drawing a picture?</p> <p>Could you use a bar model to deepen your understanding?</p> <p>Would it be possible to use another drawing / representation to solve the question?</p>
# Story it	<ol style="list-style-type: none"> 1. Translate numbers within puzzle to a 'real life' story verbally. 2. Devise a meaningful 'real life' maths story to use alongside a number sentence. 	<p>Can you explain your 'real life' story and how the numbers within the number sentence relate to a partner?</p> <p>How might you represent your 'real life' maths story in words?</p> <p>Can you devise a similar 'real life' maths story to challenge a partner with?</p>