Teacher Lesson Guide for Part 2: Drawing Diagrams

Teacher Guide Video

Focus Lesson 2: 3 Steps (Week 3)

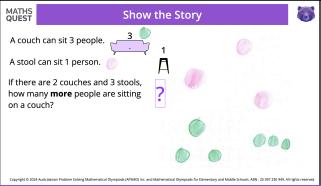
Step 1: Drawing Diagrams Intro: Show the Story 5 mins

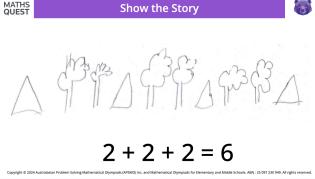
Activity Type: Class Video Show the Story

Resources: IWB or display

Notes:

- Watch the video through before sharing with your students.
- The video demonstrates 4 types of common maths problems that can be solved using diagrams.
- Tips and techniques are included to support students as they draw diagrams to show the story.



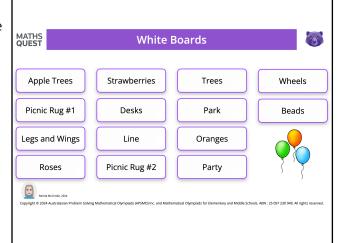


Step 2: Show the Story: Gallery 10 mins

Activity Type: Show the Story Problem Gallery Resources: IWB or display, class set of mini white boards and markers

Notes:

- There are 14 Show the Story problems for students to solve, ranging in difficulty.
- Select some to solve together using the gallery, displaying the question on screen and asking students to draw their diagrams on mini white boards.
- Share and compare their diagrams.
- Look at and discuss solutions included in the Gallery.



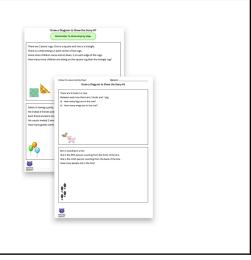
Step 3: Show the Story: Focus Lesson Activity Sheets 20 mins

Activity Type: Activity Sheets

Resources: Share the Story activity sheets and coloured pencils

Notes:

- Print the activity sheets containing the problems that your class didn't collectively solve while exploring the Gallery.
- Select and distribute activity sheets to your students. They range in their level of complexity.
- Encourage students to share with each other their diagrams and see if then have found the same solution.



Teacher Lesson Guide for Part 2: Drawing Diagrams

Focus Lesson 3: 3 Steps (Week 4)

Step 4: Drawing Diagrams Intro: Share and Compare 5 mins

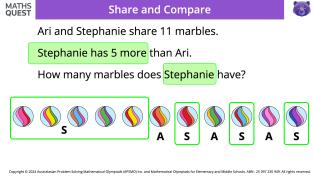
Activity Type: Class Video Share and Compare

Resources: IWB or display

Notes:

- Watch the video through before sharing with your students.
- The video demonstrates a diagram that can help students solve comparison maths problems.
- Tips and techniques are included to support students as they draw diagrams to share and compare.



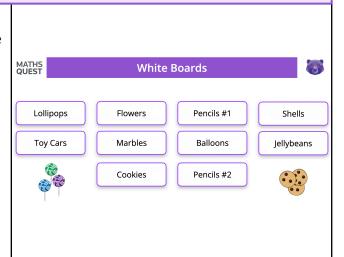


Step 5: Share and Compare: Gallery 10 mins

Activity Type: Share and Compare Problem Gallery Resources: IWB or display, class set of mini white boards and markers

Notes:

- There are 10 Share and Compare problems for students to solve, ranging in difficulty.
- Select some to solve together using the gallery, displaying the question on screen and asking students to draw their diagrams on mini white boards.
- Share and compare their diagrams.
- Look at and discuss solutions included in the Gallery.



Step 6: Share and Compare: Focus Lesson Activity Sheets 20 mins

Activity Type: Activity Sheets

Resources: Share and Compare activity sheets and coloured pencils

Notes:

- Print the activity sheets containing the problems that your class didn't collectively solve while exploring the Gallery.
- Select and distribute activity sheets to your students. They range in their level of complexity.
- Encourage students to share their diagrams with each other and see whether they have the same solutions.

