

Word Problems

Create GIF In Keynote

Activity

To provide additional support to students, teachers will create animated GIF to help students understand the word problem through a pictorial manner. For example, a word problem about an area removed from a rectangular piece and how the remaining area can be calculated.

Objectives

Students will be able to

- Find the area and/ or perimeter of composite figures made up of rectangles and squares
- Visualize how a L-shaped figure can be partitioned into rectangles and squares
- Calculate the area and perimeter from given lengths
- Generate ideas and explore different pathways that lead to solutions







Extensions

Teacher can

- Use the GIF as additional resource for students who may need more support (differentiated instruction)
- Use screen recording and include verbal instructions explaining how the area is to be calculated
- Insert the GIF into the work template (such as Pages) to provide another perspective to the learning

Have a go



- 1 Open . Create a new document in Keynote. Tap on +, then  and  to add a rectangular shape.
- 2 Duplicate the first slide. On the second slide, tap on +, then  to add another shape to represent the piece that is cut out. Select the shape, tap on , Style and select a different colour.
- 3 Duplicate the second slide. On the third slide, duplicate the piece that has been cut out, and move it away from the original shape.
- 4 When moving from slide 1 to 3, it should reflect the movement of a piece of shape from the original rectangle.
- 5 Tap on  and select Export, then Animated GIF. Tap on Save and then Save Image.
- 6 The animated GIF will appear in your Photos library. You can insert it into another document or upload it to an online platform for sharing.

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