

What's your perimeter? (2+ children)



Equipment needed

- Digit cards (1 – 9)
- Rulers
- Paper

Instructions

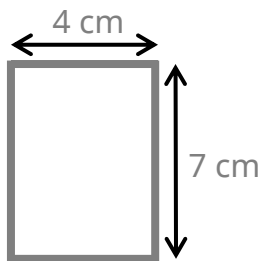
1. Shuffle the digit cards and place them all in a pile facing down.
2. Child 1 selects a card. This is the **length** of the rectangle (in centimetres).



3. Child 1 returns the digit card to the bottom of the pile and selects another digit card. This is the **width** of the rectangle (in centimetres).



4. All children participating draw the rectangle to scale on paper, using a ruler, and label each side (in centimetres).



5. Each child calculates the perimeter of the rectangle using the number sentences, ' $__ + __ + __ + __ = __ \text{ cm}$ ' or ' $__ \times 2 = __ \text{ cm}$ '.
Discuss the perimeter and strategies to calculate the perimeter as a group.
6. Children continue to take turns drawing digit cards, creating rectangles and calculating the perimeter of the rectangles drawn.

Compare the rectangles. What is the same and what is different?
Which rectangles have the greatest perimeter? Explain how you know.
What do you notice about the perimeter of a square?

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Printable digit cards (1 – 9)

