

Maths in Daily Life

Scenario 1: Dates for Iftar

Ali is preparing for Iftar with his family. He wants to make sure everyone gets 3 dates to break their fast. If there are 8 people in his family, how many dates does Ali need to buy?

Follow-Up Questions:

What if 2 guests join them for Iftar?

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If each date costs 50p, how much will Ali spend?

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NAME: _____

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Scenario 2: Dividing Inheritance Shares

Sara's father left an inheritance of £600. According to Islamic rules, her mother gets $\frac{1}{8}$ of the inheritance, and the rest is divided equally among Sara and her two brothers. How much does each person receive?

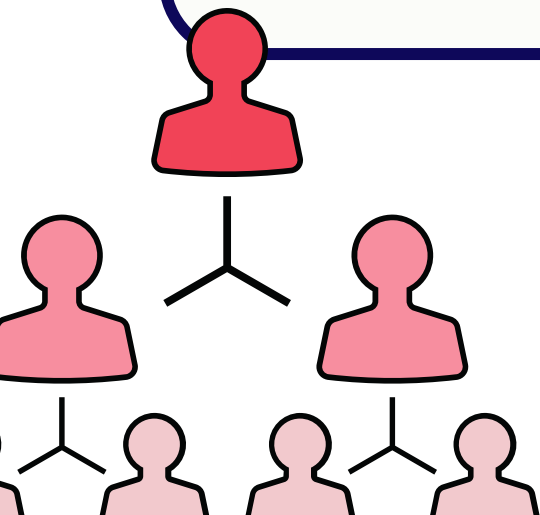
Follow-Up Questions:

What if there are 4 siblings instead of 3?

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How would the shares change if the inheritance was £800?

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.....



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Scenario 3: Zakat Calculation

Hassan saved £1,000 over the year. He wants to calculate how much Zakat he needs to give (2.5%). How much does he owe in Zakat?

Follow-Up Questions:

If he saves £2,500 next year, how much Zakat will he give?

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Why is it important to calculate Zakat correctly?

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NAME:



Trivia Time



"I lived during the Islamic Golden Age and my book introduced a new way to solve number puzzles that we still use today. Who am I?"

"I helped people solve problems about dividing land and sharing inheritance. My methods were so smart, the whole world started using them. What is the name of the subject I created?"

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"What was the name of my famous book that introduced algebra to the world?"

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What does the word 'algebra' come from and what does it mean?

.....



NAME:

Islamic Patterns: Tessellation

Tessellation is when shapes fit together perfectly without any gaps or overlaps, like a puzzle.

Islamic art often uses tessellations with shapes like triangles, squares, hexagons, and stars to create beautiful, symmetrical patterns.

Design Your Own!

