

NAME: _____

DATE: _____

ACTIVITY

Double Your Money

What + Why: Calculate how long money takes to double and uncover patterns that impact long-term financial decisions.

Instructions:

1. With your partner, use the Rule of 72 formula to answer the questions.

$$72 \div \text{interest rate} = \text{years to double}$$

Part 1

Calculate the approximate doubling time for:

- 3%
- 6.5%
- 10%

Part 2

You want to double your money in 8 years. What annual return do you need?

Part 3

Apply the Rule of 72 to Amara's pathways. How long would each of Amara's three pathways take to double?

- Pathway A Saver-First (HYSA, 4.5%)
- Pathway B Early Investor (Broad Index Fund, 7%)
- Pathway C Blended Approach (Split 50/50, 5.75%)
- Does any pathway double within Amara's first time jump (4 years)? Explain your answer.