

Shares game L1-2 ratios and percentages



<h3>Tutor instructions</h3> <p>The game is played in groups of three. There may need to be groups of two playing with a “sleeping partner”. Each group needs 9 laminated share certificates in three envelopes: one with 4, one with 3, and one with 2 certificates.</p> <p>Each group also needs the 8 ‘market update’ cards and one ‘player instructions’ card. I use colour coding for the various cards.</p> <p>The ‘market update’ cards are shuffled and placed face down. Each ‘turn’ of the game involves turning one of the ‘market update’ cards face up and calculating the results.</p> <p>Players need to keep records of their financial transactions: each ‘market update’ card is numbered.</p> <p>Covers: calculating the value of a percentage, dividing a number in a ratio, calculating the value of the total and other parts when given the value of one part.</p>	<h3>Players instructions</h3> <p>Work in groups of three.</p> <p>If you end up with a two, you will need to have a third “sleeping partner”. There might be two groups of two.</p> <p>Pick an envelope at random: you will find different numbers of share envelopes in the envelopes.</p> <p>Your shares are worth £500 to begin with.</p> <p>There are also 8 ‘market update’ cards: shuffle these and put them face down on the desk.</p> <p>The game starts when you turn the first ‘market update’ card over and follow the instructions.</p> <p>Keep records! There could be court cases ahead!</p>
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Share Certificate

Value of one share

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The company has done well, so the value of its shares increases by 10%. Calculate the value of your shareholding.

1

The company makes a funding call. They set the call at £100 from the shareholder with the largest number of shares and smaller shareholders must contribute in proportion. Calculate the cost for each shareholder, and the total raised by the funding round.

3

The company announces a dividend fund of £450 in total. Calculate your share of the dividend. Make sure that the total for your group adds up to the £450.

2

The Government announces a new tax of 5% on the value of shares. The tax is payable by people with three or more shares. Calculate the cost of tax for the entire company.

4

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Carbon levy: the company must raise £360. What is your contribution to the levy?

5

The middle shareholder has had a letter asking for a total of £180 towards unexpected liabilities. What is the cost to the other two shareholders? What is the total cost to all the shareholders?

7

The company sells a division and makes £6300. The company makes 10% of this available to shareholders. What is your share?

6

The Government announces a new tax of 5% on the value of shares. The tax is payable by people with three or more shares. Calculate the cost of tax for the entire company.

8