The Panda Math Tutor

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Percentages

Student Worksheet

Questions & Working Space

IGCSE Mathematics

Name: _____

Date: _____

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Note

How to use this worksheet. These questions are built *strictly* on the *Percentages* notes: converting between fractions, decimals and percentages; finding a percentage of a quantity; expressing one quantity as a percentage of another; increase and decrease using multipliers; percentage change; reverse percentages; profit and loss; successive changes; and algebraic proof.
Working space. Ruled lines are provided after each question — show *all* of your working there, and always write down the multiplier you use. Harder questions have a teal **Hint** box; try the question first and use the hint only if you are stuck.
Checking your answers. Full step-by-step solutions, a marking scheme for the exam paper, and a quick answer key are in the separate booklet *"Percentages — Solutions & Answer Key."* Try each question honestly before you look.

1 Part I — Topic-by-Topic Exercises

1.1 Converting Fractions, Decimals and Percentages

Exercise C1 *[Basic]*

Convert $\frac{9}{25}$ to a percentage.

Exercise C2 *[Basic]*

Convert 45% to a fraction in its simplest form.

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Exercise C3 *[Basic]*

Convert 0.074 to a percentage.

Exercise C4 *[Standard]*

Convert 240% to a decimal.

Exercise C5 *[Standard]*

Convert $\frac{3}{8}$ to (a) a decimal and (b) a percentage.

Exercise C6 *[Standard]*

Convert 6.5% to (a) a decimal and (b) a fraction in its simplest form.

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Preview ends here

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