

EXAM PAPER REPORT



Henry Smith / Year 11 / Physics

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Overview

Overall, Henry performed well on this test, with a score of 38/50. He lost a few marks to silly mistakes, and some to misunderstanding, but his basic mathematical understanding is sound. The topics to work on are BIDMAS, turning fractions to percentages, negative numbers, angle rules for parallel lines and areas of shapes.

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Assessment

Q1- Arithmetic

Henry attempted all 4 arithmetic questions which involved addition, subtraction, multiplication and division. This clearly presents no issue and he received 100% for this section.

Q2- Ratio

Two simple ratio problems were attempted and successfully completed- 100%

Q3- Numeracy

Henry struggled with finding the correct operation to put into the box, which required multiple steps to solve the problem. These essentially comes down to the principles of BIDMAS, which he would benefit from practicing.

Q4- Percentages

Henry can calculate percentages well, but when it came to turning a fraction into a percentage, he wasn't sure what to do. This is a topic to revise.

Q5- Prime Factors

Although Henry got this question correct, he spent far too long on this question working out both parts from scratch, as he didn't see the link between the first part and the second part.

Q6- Fractions

Henry was confident with manipulating fractions and got 100% on this question.

Q7- Negative numbers

Henry struggled with the negative numbers and made a couple of mistakes in simple addition and subtraction. This is an important topic to practice as it will impact multiple topics.

Q8- Algebra

Henry attempted this question with no problems - 100%

Q9- Angles

Henry completed half of this extended question on angles. He used several rules such as angle on a line/ angles in a triangle, but failed to use the rules for parallel lines.

Q10- Interpreting data

Henry used the graph correctly to answer the questions on conversions- 100%

Q11- Area of shapes

Henry successfully found the areas of simple shapes, such as the rectangle, triangle and square, but found more advanced shapes difficult, such as the circle, trapezium, and rhombus.

Q12- Linear graphs

Henry plotted his graph accurately, and correctly identified the gradient. However, he muddled up the y intercept and x intercept- something to watch.