| Attainment Band : | Unit 2 - Number and Algebra |  |
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|  |  |  |
|  | Knowledge and Understanding | Skills |
| $\begin{aligned} & \frac{n}{a} \\ & \frac{3}{3} \\ & \frac{0}{\overline{0}} \end{aligned}$ | Applies knowledge of solving equations to real life situations 13* | Determines what term has a given value in a sequence 5 <br> Solves real life problems involving two-step equations 13 |
| $$ | Knows that the nth term can be written algebraically 4c* Understands how to solve problems and evaluate the outcome, including nth term problems 10* | Solves two-step linear equations <br> 6c <br> Identifies two numbers for a given sum and product rule <br> 8 <br> Determines if a number is in a linear sequence <br> 10 <br> Finds the first negative terms in a sequence $12$ |
| $\stackrel{\text { ¢ }}{\frac{1}{0}}$ | Understands and recognises the relationship between operations, including inverse 6* <br> Understands that letters can be used to represent numbers 6* <br> Knows how to add and subtract like terms 7* | Finds the nth term of an arithmetic sequence <br> 4c <br> Generates a term using the nth term <br> 4d/11 <br> Solves one-step equations, involving addition <br> 6a <br> Solves one-step equations, involving division <br> 6b <br> Writes an equation to represent the perimeter of a shape <br> 7a <br> Solves an equation for a perimeter problem <br> 7b <br> Identifies one positive and one negative integer that sum to a given number 9 |
| $\begin{aligned} & \text { む } \\ & \text { ভ́ } \end{aligned}$ | Understands the rules for multiplying and dividing with negative integers 3* | Subtracts negative integers <br> 2c <br> Multiplies and divides positive and negative integers $3 a / b$ <br> Multiplies negative integers $3 c$ <br> Completes a table finding the next term in a linear sequence 4b |
| $\xrightarrow{ \pm}$ | Recognises types of numbers 1* | Orders positive and negative integers <br> 1 <br> Adds and subtracts integers using a number line 2a/b <br> Draws the next shape in a linear sequence 4a |

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[^0]:    * Asterisks mark next to a question number means a question has been broken down into subparts.

