Purposeful Practice

**a**  **b**  **c**  **d** 

**a**  **b**  **c**  **d** 

**a**  **b**  **c**  **d** 

**a**  **b**  **c**  **d** 

**a**  **b**  **c**  **d** 

**a**  **b**  **c**  **d** 

**e**  **f**  **g**  **h** 

**i**  **j** 

Practice

**a**  **b**  **c**  **d** 2

**a**  **b**  **c**  **d** 

**a**  **b** 25 **c**  **d** 

**a**  **b**  **c** 

**a**  **b**  **c** 

1. 
2. 
3. 
4. 

|  |  |  |  |
| --- | --- | --- | --- |
| Answer | Mark | Mark scheme | Additional guidance |
|  | B1 | for simplifying , e.g. |  |
| B1 | for simplifying , e.g. |  |
| B1 | for simplifying , e.g. |  |
| M1 | for  or equivalent |  |
| M1 | for forming an equation in *y*, e.g. |  |
| A1 | accept answer equivalent to |  |

1. 

Purposeful Practice

**a**  **b**  **c** 

**d**  **e**  **f** 

**g**  **h**  **i** 

**a**  **b**  **c**  **d** 

**e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**g**  **h**  **i** 

**a**  **b**  **c**  **d** 

**e**  **f**  **g**  **h** 

**i** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

Practice

**a**  **b**  **c** 

**d**  **e**  **f** 

|  |  |  |  |
| --- | --- | --- | --- |
| Answer | Mark | Mark scheme | Additional guidance |
|  | M1 | for a correct first step to show a square number within the factorisation e.g.  or |  |
|  | A1 | cao |  |

**a**  **b**  **c** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**g**  **h**  **i** 

|  |  |  |  |
| --- | --- | --- | --- |
| Answer | Mark | Mark scheme | Additional guidance |
| 150 | M1 | for  or |  |
| A1 | cao |  |
|  | M1 | for simplifying one term e.g.  or |  |
| M1 | for  or equivalent or one correct term e.g.  or 12 |  |
| A1 | or |  |

1. 

Purposeful Practice

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

Practice

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b**  **c** 

**d**  **e**  **f** 

**a**  **b** 

**a**  **b**  **c** 

|  |  |  |  |
| --- | --- | --- | --- |
| Answer | Mark | Mark scheme | Additional guidance |
|  | M1 | for rationalising e.g. multiplication by  or equivalent |  |
|  | M1 | for a complete method to an unsimplified answer e.g. |  |
|  | A1 | cao |  |

1. 