1. Simplify

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

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

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

1. Simplify

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

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

1. Use your answers from **Q1** to simplify

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

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

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

1. Expand

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

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

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

1. Expand and simplify

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

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

1. Expand and simplify

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

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

1. Using the positive values of the surds, simplify

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

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

Exam-style question

1. Write  in the form  where *a* and *b* are integers. **(2 marks)**
2. Using the positive values of the surds, simplify

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

1. Using the positive values of the surds, simplify

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

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

1. Expand and simplify if possible.

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

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

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

Exam-style question

1. **a** Find the value of  **(2 marks)**

**b** Simplify  **(3 marks)**

1. ****Show that .