Simplifying Radicals Quiz /18

**Show all your work in a clear, easy to follow manner, for full marks**.

1. The expression is only valid for certain values of x. State the restriction and explain clearly why this expression has a restriction. 2 marks

2. Order the following radicals from least to greatest **without a calculator**. Justify your answer. 4 marks

3. Simplify. **All variables are non-negative values**. 12 marks

a) b)

c) d)

e) f)