**Homework –** Stick the worksheet into your book neatly and answer these questions in your book.

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| **Literacy**Can you write a definition for the following words?SurdReciprocalIrrational number | **Research**Why can’t you have the square root of a negative number?https://qph.is.quoracdn.net/main-qimg-08572ceea8ad35422a6ce6fe0c298405?convert_to_webp=true | **Memory**A common estimate for Pi is 3.14 but the decimal goes on and on forever and ever. It is an irrational number.http://cdn.business2community.com/wp-content/uploads/2014/03/pi.jpgWhen estimating surds consider which square numbers it is between |
| **Skills Practice**Estimate the following1.  2.  3.  4. Find the reciprocal of the following1.  2.  3. 8 4.  | **Stretch and Challenge**Put the following numbers in ascending order  , and the reciprocal of  |