

Math 181 Quiz 2

① Find the sum

$$\sum_{k=4}^{15} 2$$

② Convert $2.18\overline{18}$ into a fraction.

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③ Convert $\frac{22}{7}$ into a decimal.

④ Recall that \mathbb{Q} is the set of rational numbers or fractions and let

$$A = \{x \in \mathbb{Q} : x^2 \leq 5\}$$

(a) Find $\sup A$.

(b) Does A have a maximum element?