

数A 解答

P.6 問1 (1) $\{2, 4, 6, 8, 10, 12, 14, 16, 18, 20\}$

(2) $[-2, 3]$

P.7 問2 $A \cup B = \{1, 2, 3, 4, 5\}$, $A \cup C = \{1, 2, 4, 6\}$
 $B \cap C = \{4\}$

問3 (1) $\bar{A} = \{1, 3, 5, 7, 8, 9\}$

$\bar{B} = \{2, 5, 6, 8, 9\}$

$\overline{A \cap B} = \{5, 8, 9\}$

$\overline{A \cup B} = \{5, 8, 9\}$

P.8 問1 $n(A) = 4$

P.9 問2 $\begin{array}{l} 6 \text{ の倍数} \\ n(A) = 33 \end{array}$ $n(A \cup B) = 33 + 25 - 8$
 $\begin{array}{l} 8 \text{ の倍数} \\ n(B) = 25 \end{array}$ $= 50$
 $n(A \cap B) = 8$

P.10 問3 $\begin{array}{l} 3 \text{ の倍数} \\ n(A) = 33 \end{array}$
 $100 - 33 = 67$

P.11 問4 (1) $\begin{array}{l} 6 \text{ の倍数} \\ n(A) = 33 \end{array}$ $n(A \cup B) = 33 + 25 - 8$ (2) $33 - 8 = 25$
 $\begin{array}{l} 8 \text{ の倍数} \\ n(B) = 25 \end{array}$ $= 50$
 $n(A \cap B) = 8$ $200 - 50 = 150$