

351 class exploration:

Find the smallest element of each of these sets

$$\{17 + 4n \mid n \in \mathbb{Z}, 17 + 4n > 0\}$$

$$\{-21 + 4n \mid n \in \mathbb{Z}, -21 + 4n > 0\}$$

$$\{5n + 7m \mid n, m \in \mathbb{Z}, 5n + 7m > 0\}$$

$$\{6n + 10m \mid n, m \in \mathbb{Z}, 6n + 10m > 0\}$$

$$\{6n + 15m \mid n, m \in \mathbb{Z}, 6n + 15m > 0\}$$