

## Constructing Three Set Venns

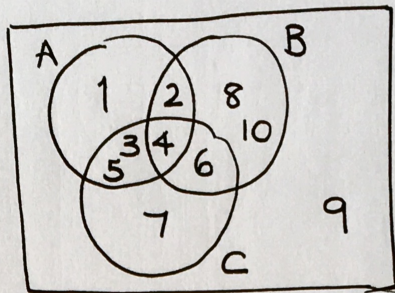
Illustrate with a Venn diagram.

$$\xi = \{1 \text{ to } 10 \text{ inclusive}\}$$

$$A = \{1 \text{ to } 5 \text{ inclusive}\}$$

$$B = \{\text{even numbers}\}$$

$$C = \{3 \text{ to } 7 \text{ inclusive}\}$$



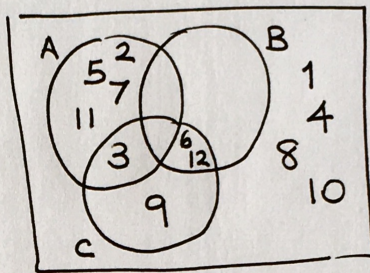
Illustrate with a Venn diagram.

$$\xi = \{1 \text{ to } 12 \text{ inclusive}\}$$

$$A = \{\text{prime numbers}\}$$

$$B = \{\text{multiples of } 6\}$$

$$C = \{\text{multiples of } 3\}$$



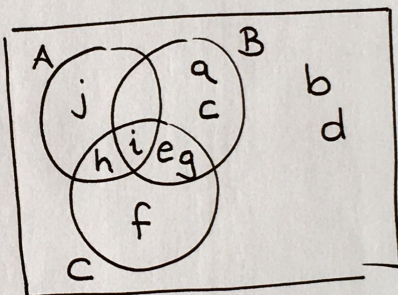
Illustrate with a Venn diagram.

$$\xi = \{a \text{ to } j \text{ inclusive}\}$$

$$A = \{h, i, j\}$$

$$B = \{a, c, e, g, i\}$$

$$C = \{e, f, g, h, i\}$$



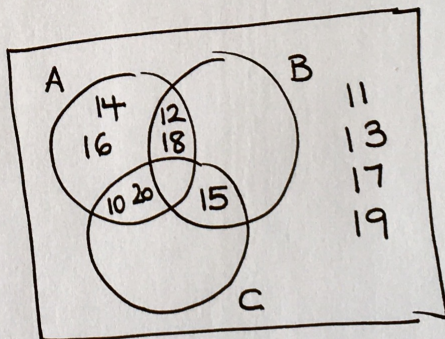
Illustrate with a Venn diagram.

$$\xi = \{10 \text{ to } 20 \text{ inclusive}\}$$

$$A = \{\text{multiples of } 2\}$$

$$B = \{\text{multiples of } 3\}$$

$$C = \{\text{multiples of } 5\}$$



Illustrate with a Venn diagram.

$$\xi = \{1 \text{ to } 15 \text{ inclusive}\}$$

$$A = \{x : 3 \leq x \leq 9\}$$

$$B = \{\text{odd numbers}\}$$

$$C = \{7, 8, 9, 10, 11\}$$

