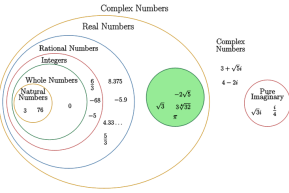


## Number Types (Complex) - Diagram Section to Number - Real, Imaginary, and Complex Numbers

1

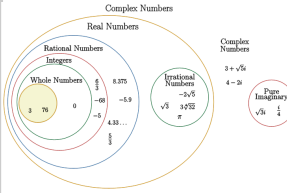
Select the number that would go in this grouping



- |   |                       |   |                       |
|---|-----------------------|---|-----------------------|
| A | $0.\overline{6}$      | B | $\sqrt{\frac{48}{3}}$ |
| C | $\frac{\sqrt{37}}{6}$ |   |                       |

2

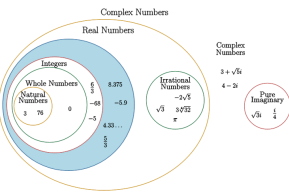
Select the number that would go in this grouping



- |   |                       |   |                 |
|---|-----------------------|---|-----------------|
| A | $\sqrt{\frac{48}{3}}$ | B | $-\frac{16}{4}$ |
| C | $\sqrt{17}i$          |   |                 |

3

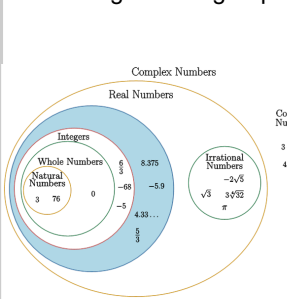
Select the number that would go in this grouping



- |   |                            |   |                  |
|---|----------------------------|---|------------------|
| A | $\frac{\sqrt{89}}{8}$      | B | $0.\overline{6}$ |
| C | $1 + \frac{\sqrt{59}i}{5}$ |   |                  |

4

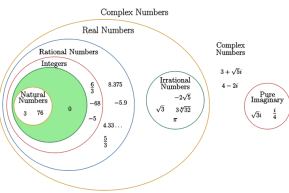
Select the number that would go in this grouping



- |   |                  |   |                 |
|---|------------------|---|-----------------|
| A | $2 + \sqrt{61}i$ | B | $2 + \sqrt{3}i$ |
| C | $\frac{36}{49}$  |   |                 |

5

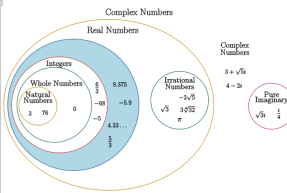
Select the number that would go in this grouping



- |   |                      |   |                 |
|---|----------------------|---|-----------------|
| A | $\frac{0}{3}$        | B | $-\frac{15}{3}$ |
| C | $\frac{\sqrt{5}}{8}$ |   |                 |

6

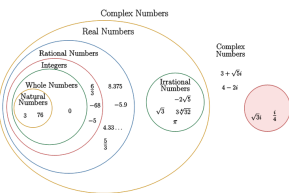
Select the number that would go in this grouping



- |   |                       |   |                     |
|---|-----------------------|---|---------------------|
| A | $\sqrt{73}i$          | B | $-10.\overline{13}$ |
| C | $\frac{\sqrt{61}}{4}$ |   |                     |

7

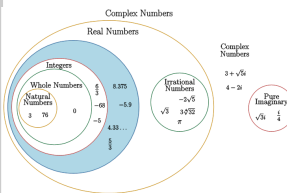
Select the number that would go in this grouping



- |   |                  |   |              |
|---|------------------|---|--------------|
| A | $0.\overline{5}$ | B | $\sqrt{79}i$ |
| C | $-\frac{16}{4}$  |   |              |

8

Select the number that would go in this grouping



- |   |                        |   |                       |
|---|------------------------|---|-----------------------|
| A | $-3.\overline{6}$      | B | $\frac{\sqrt{2}i}{5}$ |
| C | $\frac{\sqrt{89}i}{5}$ |   |                       |