

Exit Ticket: Real Numbers**What is the simplified form of each expression?**

- 1 $\sqrt{225}$
Ⓐ 112.5 Ⓑ 450 Ⓒ 14 Ⓓ 15
- 2 $\sqrt{\frac{9}{100}}$
Ⓐ $\frac{3}{100}$ Ⓑ $\frac{3}{10}$ Ⓒ $\frac{9}{10}$ Ⓓ $\frac{100}{3}$
- 3 What is the square root of 87 to the nearest integer?
Ⓐ 10 Ⓑ 8 Ⓒ 9 Ⓓ 44
- 4 To which subsets of the real numbers does the number 2.16 belong?
Ⓐ rational numbers
Ⓑ rational numbers, irrational numbers
Ⓒ natural numbers, whole numbers, integers, rational numbers
Ⓓ none of the above
- 5 To which subsets of the real numbers does the number $\sqrt{42}$ belong?
Ⓐ whole numbers, natural numbers, integers
Ⓑ irrational numbers
Ⓒ rational numbers
Ⓓ whole numbers, integers, rational numbers
- 6 What is an inequality that compares the numbers $\sqrt{31}$ and $5\frac{5}{6}$?
Ⓐ $\sqrt{31} < 5\frac{5}{6}$
Ⓑ $\sqrt{31} > 5\frac{5}{6}$
- 7 What is the order of $\sqrt{4}$, -0.1 , $-\frac{1}{6}$, 0.9 , $\sqrt{3}$ from least to greatest?
Ⓐ $\sqrt{4}$, $\sqrt{3}$, 0.9 , $-\frac{1}{6}$, -0.1 Ⓒ $-\frac{1}{6}$, -0.1 , 0.9 , $\sqrt{3}$, $\sqrt{4}$
Ⓑ 0.9 , $\sqrt{3}$, $-\frac{1}{6}$, $\sqrt{4}$, -0.1 Ⓓ -0.1 , 0.9 , $\sqrt{3}$, $\sqrt{4}$, $-\frac{1}{6}$

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Answer Section

- 1 D
- 2 B
- 3 C
- 4 A
- 5 B
- 6 A
- 7 C