

Exit Ticket: Order of Operations and Evaluating Expressions

What is the simplified form of each expression?

1 $\left(\frac{4}{7}\right)^3$

Ⓐ $\frac{343}{64}$

Ⓒ 21952

Ⓑ $\frac{64}{343}$

Ⓓ 407

What is the simplified form of each expression?

2 $5(14-2)^2 \div 2$

Ⓐ 60

Ⓑ 30

Ⓒ 72

Ⓓ 360

3 $13\left[6^2 \div (5^2 - 4^2) + 9\right]$

Ⓐ 585

Ⓑ 169

Ⓒ 26

Ⓓ 181

4 Evaluate $\frac{u}{z} + xy^2$, for $u = 20$, $x = 4$, $y = 7$, and $z = 10$.

Ⓐ 294

Ⓑ 198

Ⓒ 900

Ⓓ 786

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Answer Section

1 B

2 D

3 B

4 B