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| **Order of Operations with Integers** |
| Applies the order of operations to whole numbersMultiply and divide in order before adding and subtracting in order. 13 – 5 × 2 + 6 ÷ 3= 13 – 10 + 6 ÷ 3= 13 – 10 + 2= 3 + 2= 5 | Applies the order of operations to whole numbers, including bracketsThe operation in brackets must be done first. (13 – 5) × 2 + 6 ÷ 3= 8 × 2 + 6 ÷ 3= 16 + 6 ÷ 3= 16 + 2= 18 | Applies the order of operations to integers (13 – 5) × (–2) + 6 ÷ (–3)= 8 × (–2) + 6 ÷ (–3)= –16 + 6 ÷ (–3)= –16 – 2= –18 | Writes a word problem as an expression with operations on integers, then evaluates the expressionKeith had $365 in their bank account.Keith made 5 withdrawals of $35 each, then later deposited $90 into the account.How much is in the account now?In dollars: 365 + 5(–35) + 90 = 365 – 175 + 90 = 190 + 90 = 280Keith had $280 in their account. |
| **Observations/Documentation** |
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