**The given numerical expressions are solved in two different ways. Decide which solution is correct and explain why you think so.**

|  |  |  |
| --- | --- | --- |
| 1. | **Solution A**$$10+4×2-5$$$$10+8-5$$$$18-5$$$$13$$ | **Solution B**$$10+4×2-5$$$$14×2-5$$$$28-5$$$$23$$ |

Answer:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| 2. | **Solution A**$$21-14÷7×2+1$$$$21-2×2+1$$$$21-4+1$$$$17+1$$$$18$$ | **Solution B**$$21-14÷7×2+1$$$$7÷7×2+1$$$$1×2+1$$$$2+1$$$$3$$ |

**Answer:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| 3. | **Solution A**$$13-3+4÷2×5$$$$10+4÷2×5$$$$14÷2×5$$$$7×5$$$$35$$ | **Solution B**$$13-3+4÷2×5$$$$13-3+2×5$$$$13-3+10$$$$10+10$$$$20$$ |

Answer:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Answers:**

**The given numerical expressions are solved in two different ways. Decide which solution is correct and explain why you think so.**

|  |  |  |
| --- | --- | --- |
| 1. | **Solution A**$$10+4×2-5$$$$10+8-5$$$$18-5$$$$13$$ | **Solution B**$$10+4×2-5$$$$14×2-5$$$$28-5$$$$23$$ |

Answer: (Answers may vary)

The correct answer is **Solution A** because it followed the MDAS rule working from left to right.

|  |  |  |
| --- | --- | --- |
| 2. | **Solution A**$$21-14÷7×2+1$$$$21-2×2+1$$$$21-4+1$$$$17+1$$$$18$$ | **Solution B**$$21-14÷7×2+1$$$$7÷7×2+1$$$$1×2+1$$$$2+1$$$$3$$ |

Answer: (Answers may vary)

The correct answer is **Solution B** because it followed the MDAS rule working from left to right.

|  |  |  |
| --- | --- | --- |
| 3. | **Solution A**$$13-3+4÷2×5$$$$10+4÷2×5$$$$14÷2×5$$$$7×5$$$$35$$ | **Solution B**$$13-3+4÷2×5$$$$13-3+2×5$$$$13-3+10$$$$10+10$$$$20$$ |

Answer: (Answers may vary)

The correct answer is **Solution B** because it followed the MDAS rule working from left to right.