**Part 1: Given the numerical expressions below, identify the order of operations to use (Multiplication, Division, Addition and Subtraction) to get the correct answer.**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | $$16÷4×2-8+5$$ |  2. | $$10-5×2÷5+8$$ |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 3. | $$12-10+4×6-26$$ |  4. | $$20÷4×5÷5×4$$ |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Part 2: Evaluate the following numeraical expressions.**

1. $16-4÷2×8+5$
2. $16÷4×2-8+5$
3. $10+15÷3×3-25$
4. $7×8+5-18÷2+7$
5. $13-3+8÷2×5-9$
6. $7+10÷5+12-4×3$
7. $10-2+2×4÷4-10$
8. $36÷9+2×8+4-16$
9. $20+30-100÷20×5$
10. $1000÷100×10-100+100$

**Part 3: Read and solve the following problems.**

1. Mitch bought 4 pairs of shoes for $32 each. She paid the cashier $150.
2. Write a numerical expression that would represent the situation above.
3. How much money does Mitch have left?
4. John bought 10 pencils for $1.50 dollars each and 14 notebooks for $2.25 each.
5. Write a numerical expression that would represent the situation above.
6. How much money did John spend?

**Answers:**

**Part 1: Given the numerical expressions below, identify the order of operation to use (Multiplication, Division, Addition and Subtraction) to get the correct answer.**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | $$16÷4×2-8+5$$ |  2. | $$10-5×2÷5+8$$ |
|  | Division |  | Multiplication |
|  | Multiplication |  | Division |
|  | Subtraction |  | Subtraction |
|  | Addition |  | Addition |

|  |  |  |  |
| --- | --- | --- | --- |
| 3. | $$12-10+4×6-26$$ |  4. | $$20÷4×5÷5×4$$ |
|  | Multiplication |  | Division |
|  | Subtraction |  | Multiplication |
|  | Addition |  | Division |
|  | Subtraction |  | Multiplication |

**Part 2: Evaluate the following numeraical expressions.**

1. $16-4÷2×8+5$

**Solution: 5**

1. $16÷4×2-8+5$

**Solution: 5**

1. $10+15÷3×3-25$

**Solution: 0**

1. $7×8+5-18÷2+7$

**Solution: 59**

1. $13-3+8÷2×5-9$

**Solution: 21**

1. $7+10÷5+12-4×3$

**Solution: 9**

1. $10-2+2×4÷4-10$

**Solution: 0**

1. $36÷9+2×8+4-16$

**Solution: 8**

1. $20+30-100÷20×5$

**Solution: 25**

1. $1000÷100×10-100+100$

**Solution:100**

**Part 3: Read and solve the following problems.**

1. Mitch bought 4 pairs of shoes for $32 each. She paid the cashier $150.
2. Write a numerical expression that would represent the situation above.

**Solution:** $150-4×32$

1. How much money does Mitch have left?

**Solution: $22**

1. John bought 10 pencils for $1.50 dollars each and 14 notebooks for $2.25 each.
2. Write a numerical expression that would represent the situation above.

**Solution:** $10×1.5+14×2.25$

1. How much money did John spend?

**Solution: $46.50**