**Part 1:** What does PEMDAS stand for?

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

**Part 3:** Solve the following problems.

1. A cookie shop is giving away packs of cookies at a cheaper price. Originally, each pack costs $25. But for a limited time, they’re offerinig a $10 discount for every pack bought. May and Joy bought 8 packs and both decided to share the cost.
2. Write a numerical expression to represent the situation above.
3. How much money does May and Joy have to share?
4. Nick withdrew $3000 from his bank account. He gave his wife $1000 and divided the remaining amount into 4, gave 3 parts to his 3 children equally and kept 1 part for himself. He bought 3 new pairs of shoes for $75 each pair.
5. Write a numerical expression to represent the situation above.
6. How much money does Nick have left?

**Answers:**

**Part 1:** What does PEMDAS stand for?

Subtraction

Addition

Division

Multiplication

Exponent

Parentheses

s

A

D

M

E

P

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

**Part 3:** Solve the following problems.

1. A cookie shop is giving away packs of cookies at a cheaper price. Originally, each pack costs $25. But for a limited time, they’re offerinig a $10 discount for every pack bought. May and Joy bought 8 packs and both decided to share the cost.
2. Write a numerical expression to represent the situation above.

Solution:

1. How much money does May and Joy have to share?

Solution:

May and Joy has to share $60 each.

1. Nick withdrew $3000 from his bank account. He gave his wife $1000 and divided the remaining amount into 4, gave 3 parts to his 3 children equally and kept 1 part for himself. He bought 3 new pairs of shoes for $75 each pair.
2. Write a numerical expression to represent the situation above.

Solution:

1. How much money does Nick have left?

Solution:

**Nick has $275 left.**