**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 lower price. Originally, each pack cost $25. But for a limited time, they’re offering 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 above.

Solution:

1. How much money do May and Joy have to pay to share the cost?

Solution:

May and Joy have to pay $60 each.

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

Solution:

1. How much money does Nick have left?

Solution:

**Nick has $275 left.**