Name: ..... Class: .....

Power Up! Test Practice

34. Use the expression $3n + 5p + 2 + n$.

List all of the terms of the expression.

List the like terms of the expression.

List the coefficients of the expression.

List the constants of the expression.

What is the simplified form of the expression?

35. A shipping company charges x dirhams to ship a package that weighs up to 1 kilogram and an additional fee based on the additional weight of the package.

Write and simplify an expression that represents the total cost of shipping 2 packages that each weigh 0.75 kilograms, 3 packages that each weigh 2.3 kilograms, and 1 package that weighs 4.2 kilograms.

Shipping Prices	
Weight	**Price (AED)**
Up to 1 kg	x
Up to 2 kg	add AED 1.50
Up to 3 kg	add AED 3.00
Up to 4 kg	add AED 4.50
Up to 5 kg	add AED 6.00

LIVEWORKSHEETS