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