

**Super Smart Snowman Investigation**

You need to design and make as many snowmen as possible from the choices below.

Each snowman must have a hat, scarf and one extra item.

How many different snowmen can you make?

Can you find a pattern or express your findings in an algebra equation?

|  |  |  |
| --- | --- | --- |
| Hats | Scarves | Extras |
|  |  |  |
|  |  |  |
|  |  |  |

What will happen if you add an extra Hat, Scarf and object to each column?

What if we add and extra column?