

## Possible Solutions

Taylor is making sports bracelets for the craft show. Each key chain has 1 key ring, 1 string, 16 beads (8 in each color), and 2 sports ball beads.

Her brother Jack would like to buy a baseball key chain from her like the ones she has already made except with beads in his school colors, blue and white.

- a) Use the Materials Price Chart and show how much it will cost to produce Jack's key chain?

Materials Price Chart	
White bead	3¢
Black bead	3¢
Color bead	5¢
Sport ball bead	10¢
1 String	10¢
Key ring	8¢

Material	The Math	Cost
8 white beads at 3¢ each	$3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 24$	24¢
8 blue beads at 5¢ each	$5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 = 40$	40¢
2 baseball beads at 10¢ each	$10 + 10 = 20$	20¢
1 string		10¢
1 key ring		8¢
		102 or \$1.02

It will cost \$1.02 to make or produce Jack's key chain.

- b) Who is the producer? Taylor  
c) Who is the consumer? Jack