

Boomerangs

Phil and Cath make and sell boomerangs for a school event.
The money they raise will go to charity.

They plan to make them in two sizes: small and large.

Phil will carve them from wood.

The small boomerang takes 2 hours to carve and the large one takes 3 hours to carve.

Phil has a total of 24 hours available for carving.

Cath will decorate them.

She only has time to decorate 10 boomerangs of either size.

The small boomerang will make \$8 for charity.

The large boomerang will make \$10 for charity.

They want to make as much money for charity as they can.

How many small and large boomerangs should they make?

How much money will they then make?

