

Tower Power

Official Rule Sheet

Your company has been selected to build a tower for a large business.

- This tower should be as tall as possible and still be able to hold a small amount of weight on the very top.
- You should have a box that contains:
 - (6) long round dowels
 - (6) small squares
 - (10) rectangle blocks
 - (10) short, fat round dowels
 - (6) small triangle pyramids
 - (6) rubber bands
 - (5) large triangles
 - (4) large squares
- You should also receive \$50.00 to spend on additional building materials if they are available.
- The cost to purchase each item for cash is \$2.00. Each item is worth a different amount when it is included in the structure. The value of each is as follows:

	Value if used in the building	Cost to purchase	Trade-in value
long round dowels	\$10.00	\$2.00	\$1.00
small squares	\$ 4.00	\$2.00	\$1.00
rectangle blocks	\$ 4.00	\$2.00	\$1.00
short, fat round dowels	\$ 5.00	\$2.00	\$1.00
small triangle pyramids	\$ 8.00	\$2.00	\$1.00
rubber bands	\$ 2.00	\$2.00	\$1.00
large triangles	\$ 7.00	\$2.00	\$1.00
large squares	\$ 5.00	\$2.00	\$1.00

APPRAISING VALUE: The value of a building is calculated by adding up the materials used in the building. In addition, your building will also increase in value \$1.00 for each inch of height of your structure.

BUILDING INSPECTION: At the end of the time, you will need to have your structure tested by the building inspector (your teacher). If it passes, you will add up the value of your building and subtract the \$150 lent to you for start-up materials as well as any loans you may have signed with the supply company.

OVERSTOCK: Any materials you do not include in your structure are worth \$1.00 each. These materials can be traded back to the supply company in exchange for an item you may need.

