**Math – Castle Towers**

The setting that was chosen for our class story was a castle. So today, you are going to work on a castle math activity.

Here is your task:

* Design a castle that has **more than** one tower
* You will have a number of floors to **share** between the towers
* Each tower must have a **different number** of floors in it (see example below)

I will use the number **6** as an example.

I have 6 floors to share between my towers.



My combinations were:

1,5

4,2

1,3,2

Can you see any combinations that I missed?

3,3 would have looked nice but the task is to put a different number of floors in each tower.

Now it is your turn.

Pick a number that is **greater than 6** and try it yoursef. Don’t make the number too big though.

How many **different ways** can you share your number between the towers?

More information about this activity can be found at:<https://mathpickle.com/muse_6/>