

My House of Maths

Your task is to create a house plan using Floor Planner. It could be your dream house.

- You need to calculate the area of each room and hallway in your house. You will do this by using the grid lines.
- Calculate the perimeter for your fencing. You may not wish to fence your entire property
- Choose and calculate the cost for the extras, such as, flooring and landscaping you wish to have. Make sure you show this on your floor plan. Remember to document your costings, like a budget.

Carpet – \$34.00m2	Doorway (inc door) – \$200.00	Shed (4x5m) – \$5000.00
Tiles – \$35.00m2	lino floor \$19 per m2	Concrete – \$60.00 m2 Decking (inc footings) – \$87.00 m2
Floor boards – \$56.00m2	Inground pool (inc fencing, pumps etc) \$45 000.00	Roofing (tiles) – \$25.00m2 (colourbond) – \$36.00m2
Grass \$8.00m2	Clothes line – \$150.00	Bathroom – \$4 000.00
Fencing \$40.00m	Fencing – gate \$200.00	Ensuite – \$3 000.00
Stair case \$18 000.00	Water tank 8000L – \$3 000.00	Garden bed – native \$15.00m2
Kitchen – economy – \$10 000.00	Car garage (2 car) – \$18 000.00	Garden bed – exotic \$25.00m2
Kitchen – deluxe – \$25 000.00	Block of land – acreage \$200 000.00	Block of land – town \$150 000.00
Window – standard– \$155.00	Glass sliding doors – \$1 000.00	Toilet – \$250.00
Tennis court – \$12 000.00	Hot tub/spa – \$3 500.00	Alfresco area – \$2 000.00m2
Curtains (entire house) – \$10 000.00	Ducted cooling – \$4 500.00	Ducted heating \$5 000.00
Walk in Pantry – \$566.00	Fireplace – \$3 500	Storage Cupboard – \$299.00
Indoor Swimming Pool (inc pump etc) – \$47 000.00	Palm tree \$130 each	fountain \$220 each
pond \$550	hedge \$44 per m2	playground \$1460
tree house \$1350	Driveway – \$8 000.00	drinks bar \$1250
outdoor shower (incl plumbing) \$350		

Hints

Use the gridlines

Use straight lines; rectangles and squares will make it easier to calculate the area

Have one document for your budget and one the floor planner

Going further

Bring in some catalogues or research on the Internet, furniture and soft furnishings for your home.

Remember to add this to your budget.

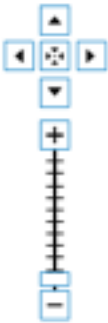
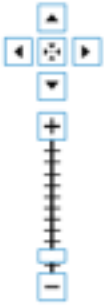
Tutorials

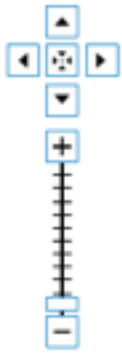
Floor planner introduction (session 1)

Calculating area and perimeter (session 2)

Budgeting (session 3 and session 4)

Examples using Floor Planner





Good luck and happy

When logging in on floor planner, use the following email address:

npierce@sbshepparton.catholic.edu.au

Password: senioryears

Log in to your account

☒ Remember me on this computer

Log In

**** Make sure you call your floor plan your name, that will make it easier to locate the next time you visit floor planner to work on your project.