

## ZOO PLANNING SHEET

Animal	Quantity	Area (m <sup>2</sup> )	Habitat Considerations
Zebra ✓	6	$6 \times 200 = 1200$	
Giraffe ✓	4	$4 \times 200 = 800$	
Kangaroo ✓	10	$10 \times 150 = 1500$	
Wallaby ✓	10	$10 \times 100 = 1000$	
Camel	2	$2 \times 150 = 300$	
Llama	4	$4 \times 100 = 400$	
Koala ✓	5	$50 \times 5 = 250$	
Peacock ✓	4	$4 \times 100 = 400$	
Stork ✓	4	$4 \times 100 = 400$	
Flamingo ✓	4	$4 \times 100 = 400$	
Galapagos Tortoise	3	$3 \times 100 = 300$	
Boa Constrictor	2	$2 \times 50 = 100$	
Perentie	2	$2 \times 50 = 100$	
African Painted Dog	10	$100 \times 10 = 1000$	

### To Consider:

Are there any animals with similar habitats that you could include in the same exhibit?

Which animals could you put near each other?

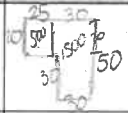
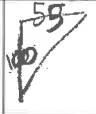
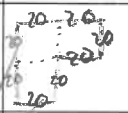
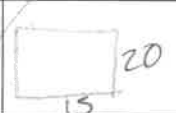
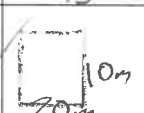
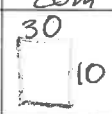
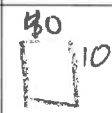

### Drawing your design:

You can use multiple grid papers if needed. Each grid line represents 2m.

Label all exhibits and extras with their measurements

Include an entrance/exit

## AREA AND PERIMETER

Exhibit		Dimensions	Area (m <sup>2</sup> )	Perimeter (m)
1	African Zebras Giraffes		$1200 + 800 = 2000\text{m}^2$	235m
2	Australian Wallaby Kangaroo Koala		$1500 + 1000 + 250 = 2750\text{m}^2$	
3	Birds Storks Flamingos Peacocks		$400 + 400 + 400 = 1600\text{m}^2$	
4	Galapagos Tortoise		$300\text{m}^2$	
5	Reptiles Boa Peregrine		$100 + 100 = 200\text{m}^2$	
6	Camel		$300\text{m}^2$	
7	Llama		$400\text{m}^2$	
8	African Painted Dogs		$1000\text{m}^2$	
9				
10				
Extras		Dimensions	Area (m <sup>2</sup> )	Perimeter (m)
1	Toilets	3m x 5m Male 3m x 5m Female 3m x 5m Disabled access	$15 + 15 + 9 = 39\text{m}^2$	
2	Water fountain	0.5m x 0.5m	$0.25\text{m}^2$	2m
3	Cafe	6m x 8m	$48\text{m}^2$	28m
4	Souvenir Shop	6m x 5m	$35\text{m}^2$	22m

put next to