

# Designing a Zoo Enclosure



**Materials:** grid paper, ruler

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1. You have been asked to design an enclosure for a zoo animal. The enclosure must have an area of  $40\text{m}^2$ . You need to consider:
  - what type of animal are you designing the enclosure for?
  - what shape will the enclosure be?
  - what other features need to be included in the enclosure?
2. Draw two possible enclosures. Be sure to include measurements.
3. Which enclosure do you think would be most suitable for the zoo animal you chose? Explain your reasoning.