Your group is building a new zoo.

You have to decide what animals to have.

Space is limited. You get 25 acres.

Asian Elephant - 1 acre

African Elephant - 1.5 acres

Reptile House - 5 acres

Hammerhead Shark - 1/2 acre

Kangaroo - 1/2 acre

Tiger - 1 acre

Whale - 3 acres

House of Birds - 5 acres

Lion - 2 acres

Turkey - 1/10 acre

Giraffe -1 acre

Seal - 1/2 acre

Camel - 1/2 acre

Cheetah - 1 acre

Cow - 1/3 acre

Monkey - 1/2 acre

\*Numbers are acres required for ONE animal (hint: they don’t like being alone!)

[If you had 2 of each, it would take over 34 acres–so you will have to make choices.]

Use this chart to plan your zoo!

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1. Why didn't your group put one of every animal in the zoo?

2. Explain how this is about tradeoffs?

3. Which animals did your group leave out? Explain why for each animal left out.

4. What would be an economic problems with a zoo with only monkeys?

5. Why would your group likely choose an Asian elephant and not an African elephant?