

Lesson 5g: Logical Reasoning

Objective: Use logical reasoning to solve problems.

Complete on a separate sheet of paper and turn in to the basket.

Warm-up: Solve. Explain how you interpreted the remainder.

1. The Mountaineering Club is driving to a state park in vans that carry 8 club members apiece. There are 27 members. How many vans are needed?
2. Mr. March cuts a piece of ribbon into 6-yard strips. How many 6-yard strips can he make from 44 yards of ribbon?
3. $(8 \times 2) \div 4^2$
4. $(21 - 3) \div (4 + 5) + (3 \times 5)$

Think About It:

	Dog	Cat	Bird	Rabbit
Jose				
Lisa				
Jerry				
Kip				

Use a table to record answers to clues. Place a check ✓ if the clue is true. Place an X if the clue is false. If a box in a row is checked the others in the row must be marked no (X).

Clues:

1. Each friend had one pet.
2. Jose does not have a dog or rabbit.
3. Lisa's pet flies.
4. Kip does not have a dog.

App on the iPad: Logic puzzles



Homework: Using logical reasoning (3.3)