

Learning Objective: To solve a mathematical problem or puzzle.

Problem 1

The pet shop stocks ducks and dogs.
The ducks have 2 legs.
The dogs have 4 legs.

Bill counted the legs.
He counted 10 altogether.

How many ducks are there?
How many dogs are there?

Find 3 ways to solve this problem.

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Problem 2

The pet shop stocks ducks and dogs.
The ducks have 2 legs.
The dogs have 4 legs.

Bill counted the legs.
He counted 12 altogether.

How many ducks are there?
How many dogs are there?

Find 4 ways to solve this problem.

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Problem 3 - Challenge

The pet shop stocks ducks and dogs.
The ducks have 2 legs.
The dogs have 4 legs.

Bill counted the legs.
He counted **20** altogether.

How many ducks are there?
How many dogs are there?

How many ways can you find to solve this problem?