Rally Coach Classroom Activity!

Identify if the following ratios are *part to part* or *part to total*:

RALLY COACH: <mark>Take out one piece of paper between two students</mark>. Fold the paper in half hot dog style. Each person uses a different color pencil or crayon to write their answers. Each person writes their name on one side of the paper. Write the problems with problem numbers on each side of the paper.

A. Partner A writes a ratio for the problem on his side of the paper and writes if it is P2P or P2T. Partner A SAYS the ratio and explains what it means and why is it either P2P or P2T.

B. Partner B coaches: watches, listens, checks, and praises.

C. Partner B writes a ratio for the next problem on her side of the paper and writes if it is P2P or P2T. Partner B SAYS the ratio and explains what it means and why it is either P2P or P2T.

D. Partner A coaches: watches, listens, checks, and praises.

The Problem

See how many ratio comparisons can we write about the following statements. Simplify if possible. Then write if the ratio is part to part (P2P) or part to total (P2T).

Pets at the Humane Society

Type	Dogs	Cats	Rabbits	Birds	Snakes
Number	24	32	8	10	6

Notes
1 While it is possible to define ratio so that A can be zero, this will rarely happen in context, and so the discussion proceeds assuming both A and B are non-zero.