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Community Problem #5
Equal Sign –Intro to Algebra

The Sitka Herring Season brings all kinds of wildlife to town. Use what you know about the equal sign and information from the chart to write 5 equations.

Animal	weight
herring	2 lbs
average 2 nd grade student	60 lbs
humpback whale	77,000 lbs
sea lion female	580 lbs
male sea lion	1250 lbs
eagle	12 lbs
king salmon	30 lbs
sea otter male	90 lbs
sea otter females	60 lbs

Sample Work –

Weight Equivalent Equations

$$15 \text{ herring} = 1 \text{ king salmon}$$

$$45 \text{ herring} = 1 \text{ male sea other}$$

$$1 \text{ male sea otter} = 15 \text{ herring} + 1 \text{ female sea otter}$$

$$1 \text{ humpback whale} = 38,500 \text{ herring}$$

$$3 \text{ eagles} + 1 \text{ herring} = 1 \text{ king salmon} + 4 \text{ herring}$$