

Problem of the week

How much does each animal cost?

$$\begin{array}{c} \text{chicken} \\ \text{chicken} \\ \text{chicken} \end{array} + + = 30\text{¢}$$

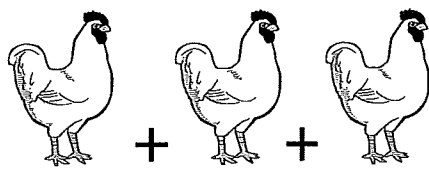
$$\begin{array}{c} \text{pig} \\ \text{chicken} \\ \text{chicken} \end{array} + + = 28\text{¢}$$

$$\begin{array}{c} \text{pig} \\ \text{snake} \\ \text{snake} \end{array} + + = 18\text{¢}$$

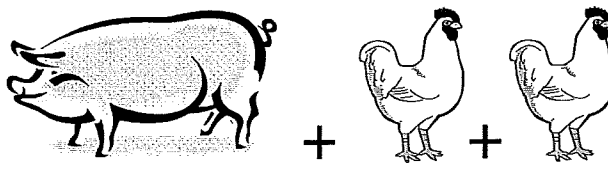
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SOLUTION

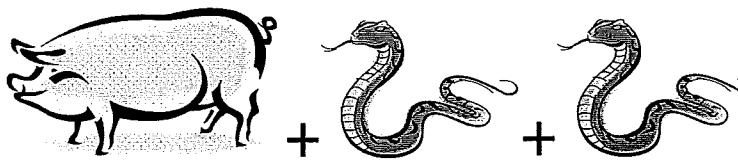

$$+ + = 30\text{¢}$$

chicken = \$ 0.10
or 10¢


$$+ + = 28\text{¢}$$

$$\text{Pig} + 10\text{¢} + 10\text{¢} = 28\text{¢}$$

$$\text{Pig} = 8\text{¢}$$


$$+ + = 18\text{¢}$$

$$8\text{¢} + 2\text{ snakes} = 18\text{¢}$$

2 snakes must be 10¢

so 1 snake = 5¢