

Friday Maths Reasoning

Louisa says:

If I know $\frac{1}{2}$ is 0.5 as a decimal, I also
know $\frac{3}{6}$, $\frac{4}{8}$ and $\frac{6}{12}$ are equivalent to 0.5
as a decimal.

Explain Louisa's thinking.

True or False?

$$\frac{1}{2} = 1.2, \frac{1}{4} = 1.4 \text{ and } \frac{3}{4} = 3.4$$

Explain your answer.
