1) 


2) $0.3=30 \%$
$\frac{2}{8}=25 \%$
$30 \%+35 \%+25 \%=90 \%$
$100 \%-90 \%=10 \%=\frac{1}{10}$

1) Neither child is correct as Keeva thinks the missing value is equivalent to 0.25 or $\frac{1}{4}$ and Owen thinks it is equivalent to 0.125 or $12.5 \%$. The missing value is 0.15 or $15 \%$ or $\frac{15}{100}$.
2) a) This is false because $\frac{1}{4}$ is equivalent to $25 \%$.
b) This is false because 0.08 is equivalent to $8 \%$.
c) This is true because 0.3 is equivalent to $30 \%$ and $\frac{5}{20}$ is equivalent to $\frac{1}{4}$ or $25 \% .30 \%$ is halfway between $25 \%$ and $35 \%$.
3) a) $\frac{4}{25}$
b) $\frac{10}{1000}$
c) $\frac{3}{20}$
d) $\frac{4}{5}, \frac{16}{20}$
e) $\frac{10}{25}$
f) $\frac{4}{20}, \frac{1}{5}$
g) $\frac{4}{25}$
h) $\frac{3}{25}$
4) Answers may vary, depending on the answers children gave in the first question.

| A Value between and Including: |  |  |
| :---: | :---: | :---: |
| $1 \%$ and $25 \%$ | 0.5 and 0.5 | $60 \%$ and $80 \%$ |
| $\frac{1}{25}, \frac{1}{5}, \frac{1}{20}, \frac{12}{50}, \frac{1}{100}, \frac{10}{1000}, \frac{4}{20}, \frac{1}{50}, \frac{3}{50}, \frac{10}{50}, \frac{1}{8}$, | $\frac{10}{20}, \frac{16}{50}, \frac{3}{8}, \frac{4}{8}, \frac{10}{25}, \frac{12}{25}, \frac{3}{25}, \frac{3}{20}, \frac{4}{25}, \frac{4}{50}$ | $\frac{3}{5}, \frac{12}{20}, \frac{16}{25}, \frac{4}{5}, \frac{16}{25}$ |
| $\frac{1200}{1000}, \frac{3}{25}, \frac{3}{20}, \frac{4}{25}, \frac{4}{50}$ |  |  |

