Miss Hughes' group – Reasoning and problem solving answers

Bronze

1a. Yes because he has used five counters to represent five tenths.

2a. C because it shows $\frac{6}{10}$ and the others are $\frac{4}{10}$.

3a. 0.2, 0.4, 0.8, 0.9

1b. No because she has used eight counters instead of seven.

2b. B because it shows $\frac{7}{10}$ and the others are $\frac{9}{10}$.

3b. 0.1, 0.3, 0.5, 0.6

Silver

4a. No because she has used eight straws instead of nine.

5a. D because it shows $\frac{6}{10}$ and the others are $\frac{5}{10}$.

6a. $\frac{1}{10}$, 0.3, $\frac{6}{10}$, 0.8

4b. Yes because he has used six straws to represent six tenths.

5b. B because it shows $\frac{9}{10}$ and the others are $\frac{4}{10}$.

6b. $\frac{2}{10}$, $\frac{5}{10}$, 0.7, 0.9

Gold

7a. Yes because there are $\frac{6}{10}$ already shown. Adding two more straws would represent $\frac{8}{10}$.

8a. C because it shows $\frac{9}{10}$ and the rest are $\frac{7}{10}$.

9a. 0.1, 0.3, 0.6, 0.9

7b. No because there are already $\frac{7}{10}$ shown. Adding two more straws would represent $\frac{9}{10}$.

8b. B because it shows $\frac{9}{10}$ and the rest are $\frac{9}{10}$.

9b. 0.2, 0.4, 0.7, 0.8