1. Here is an incomplete probability line.


Complete
(i) the percentage labels,
(ii) $\overline{3}=33($ and a bit) $\%$
(iii) $\overline{3}=66$ (and a bit) $\%$
2. Here is an incomplete probability line.


Complete
(i) the percentage labels,
(ii) the decimal labels,
(iii) $\frac{1}{4}=\ldots \ldots . \% \quad \frac{1}{2}=\ldots \ldots . \% \quad \frac{3}{4}=\ldots \ldots . \%$
3. Here is an incomplete probability line.

| 0 |  | 1 |  | 2 |  | 3 |  | 4 |  | 5 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\overline{5}$ |  | 5 |  | $\overline{5}$ |  | $\overline{5}$ |  | $\overline{5}$ |  | 5 | (as a fraction) |
| \| |  | $\downarrow$ |  | $\downarrow$ |  | $\downarrow$ |  | $\downarrow$ |  | $\downarrow$ |  |
| 0 | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ |  | $\ldots$ |  | $\ldots$ | 1 | (as a decimal) |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

Complete
(i) the percentage labels,
(ii) the decimal labels,
(iii) $\frac{1}{5}=\ldots \ldots . \% \quad \frac{2}{5}=\ldots \ldots . \% \quad \frac{3}{5}=\ldots \ldots . \% \quad \frac{4}{5}=\ldots \ldots . \%$
4. Here is an incomplete probability line.

| 0 | 1 |  | 3 |  |  | 3 | 7 | $8{ }^{4}$ | 9 | 10 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\overline{10}$ | $\overline{10}$ | $\overline{10}=\frac{1}{5}$ | $\overline{10}$ | $\overline{10}=\frac{1}{5}$ | $\overline{10}=\frac{1}{2}$ | $\overline{10}=\overline{5}$ | $\overline{10}$ | $\overline{10}=\frac{5}{5}$ | 10 | $\overline{10}$ | (as a fraction) |
|  |  |  |  |  |  |  |  |  |  | $\downarrow$ |  |
| 0 | ... | $\ldots$ |  | $\ldots$ |  |  |  |  |  | 1 | (as a decimal) |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

Complete
(i) the percentage labels,
(ii) the decimal labels,
(iii) $\frac{1}{10}=$ $\qquad$ $\% \quad \frac{3}{10}=$ $\qquad$ $\% \quad \frac{7}{10}=$ $\qquad$ $\% \quad \frac{9}{10}=$ $\qquad$ \%

Answers

1. (i) percentage labels: $80 \%, 90 \%, 100 \%$
(ii) $\frac{1}{3}=33$ (and a bit) $\%$
(iii) $\frac{2}{3}=66($ and a bit) $\%$
2. (i) percentage labels: $80 \%, 90 \%$
(ii) decimal labels: 0.1 at $10 \%$ to 0.9 at $90 \%$
(iii) $\frac{1}{4}=25 \%, \frac{1}{2}=50 \%, \frac{3}{4}=75 \%$
3. (i) percentage labels: $40 \%, 60 \%, 80 \%$
(ii) decimal labels: 0.1 at $10 \%$ to 0.9 at $90 \%$
(iii) $\frac{1}{5}=20 \%, \frac{2}{5}=40 \%, \frac{3}{5}=60 \%, \frac{4}{5}=80 \%$,
4. (i) percentage labels: $30 \%, 40 \%, 50 \%$
(ii) decimal labels: 0.1 at $10 \%$ to 0.9 at $90 \%$
(iii) $\frac{1}{10}=10 \%, \frac{3}{10}=30 \%, \frac{7}{10}=70 \%, \frac{9}{10}=90 \%$
