

5.6

⑦ $\frac{\text{Scale}}{\text{Actual}} = \frac{1}{11} = \frac{21}{X} = \frac{\text{Scale}}{\text{Actual}}$

$231 = X$

⑧ $\frac{\text{Scale}}{\text{Actual}} = \frac{1}{11} = \frac{45}{X} = \frac{\text{Scale}}{\text{Actual}}$

$495 = X$

⑨ $\frac{\text{Scale}}{\text{Actual}} = \frac{1}{11} = \frac{13.5}{X} = \frac{\text{Scale}}{\text{Actual}}$

$148.5 = X$

⑩ $\frac{\text{Scale}}{\text{Actual}} = \frac{15\text{cm}}{150\text{cm}} = \frac{1}{10} = 1\text{cm} : 10\text{cm}$

⑪ $\frac{\text{Wide}}{\text{Long}} = \frac{60}{100} = \frac{9}{X}$

$\frac{900}{60} = \frac{60X}{60}$

$15 = X$

⑫ $\frac{1}{4} \text{ in} = \frac{3}{4} \text{ mi}$

$\frac{1}{4} \text{ in} = \frac{3}{4} \text{ mi}$ $\frac{3}{4} \cdot \frac{4}{1} = 3$

$1 \text{ in} = 3 \text{ mi}$

⑬ $\frac{3}{8} \text{ in} = \frac{3}{4} \text{ mi}$ $\frac{3}{4} \cdot \frac{8}{3} = 2$

$1 \text{ in} = 2 \text{ mi}$

