

Answer Key

Supplementary Materials

Word Problems – Whole Numbers Gaps and Intervals

Questions

- # gaps (8th & 11th): $11 - 8 = 3$
3 gaps \rightarrow 48 cm
1 gap $\rightarrow 48 \div 3 = 16$ cm

gaps (3rd & 66th): $66 - 3 = 63$
63 gaps $\rightarrow 63 \times 16 = \mathbf{1008}$ cm
- # gaps $\rightarrow 10\text{km} \div 200\text{m} = 50$
gaps = # lamp posts = **50 lamp posts**
- # gaps $\rightarrow 24\text{km} \div 500\text{m} = 48$
waterpoints $\rightarrow 48 - 1 = \mathbf{47}$ waterpoints
- Total length w/o gaps $\rightarrow 56 - 3 - 3 = 50\text{m}$
1 Set = 1 table + 1 gap $\rightarrow 4 + 2 = 6\text{m}$
sets $\rightarrow 50\text{m} \div 6\text{m} = 8 \text{ R } 2$
a) $8 + 1 = \mathbf{9}$ tables
b) $8 \times 3 = \mathbf{24}$ stools