



Metric Stairstep

- ① Find your starting point
- ② Determine if you multiply (go right) or divide (go left)
- ③ \times or \div by the correct conversion

Examples:

a) $3 \text{ km} = \underline{\hspace{2cm}} \text{ m}$
 Start at hecto.
 Make 2 jumps to right
 $10 \times 10 = 100$ (multiply by 100)
 $3 \times 100 = 300$
 $3 \text{ km} = 300 \text{ m}$

b) $4 \text{ dg} = \underline{\hspace{2cm}} \text{ kg}$
 Start at deci
 Make 4 jumps to left.
 $10 \times 10 \times 10 \times 10 = 10,000$ (\div by 10,000)
 $4 \div 10,000 = 0.0004$

$$4 \text{ dg} = 0.0004 \text{ kg}$$