

# ME3-9: Kilometres

A kilometre (km) is a unit of measurement for length equal to 1000 metres.

1. a) Skip count by 100s to find out how many times you need to add 100 to make 1000.

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b) A football field is about 100 m long. How many football fields long is a kilometre?

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2. Count by 10s to find the number of times you need to add 10 to make each number.

a)  $100 = \underline{\quad\quad} \text{ tens}$

b)  $200 = \underline{\quad\quad} \text{ tens}$

c)  $300 = \underline{\quad\quad} \text{ tens}$

d)  $400 = \underline{\quad\quad} \text{ tens}$

e)  $500 = \underline{\quad\quad} \text{ tens}$

f)  $600 = \underline{\quad\quad} \text{ tens}$

3. Using the pattern in Question 3, how many times would you need to add 10 to make 1000?

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4. A school bus is about 10 m long. How many school buses, line up end to end, would be ...

a) close to a kilometre?

b) close to 2 km?

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5. Continue the pattern to find out how many times you need to add 2 to make 1000.

a)  $100 = \underline{50} \text{ twos}$     b)  $200 = \underline{100} \text{ twos}$     c)  $300 = \underline{150} \text{ twos}$     d)  $400 = \underline{200} \text{ twos}$

e)  $500 = \underline{\quad\quad} \text{ twos}$     f)  $600 = \underline{\quad\quad} \text{ twos}$     g)  $700 = \underline{\quad\quad} \text{ twos}$     h)  $800 = \underline{\quad\quad} \text{ twos}$

i)  $900 = \underline{\quad\quad} \text{ twos}$     j)  $1000 = \underline{\quad\quad} \text{ twos}$

6. A bike is about 2 m long.  
How many bikes, lined up, would make a kilometre?

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7. If you lined up the following objects would they be:

- close to 1 km,
- less than 1 km, or
- more than 1 km?

Explain your answer.

**HINT:** First decide if the individual object is close to a metre, less than a metre or more than a metre.

- a) 1000 paper clips    b) 1000 bikes    c) 1000 JUMP books    d) 1000 baseball bats