LENGTH

A DEFINITION

A.1 MEASURING LENGTHS WITH BLOCKS
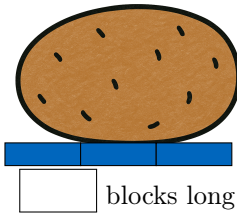
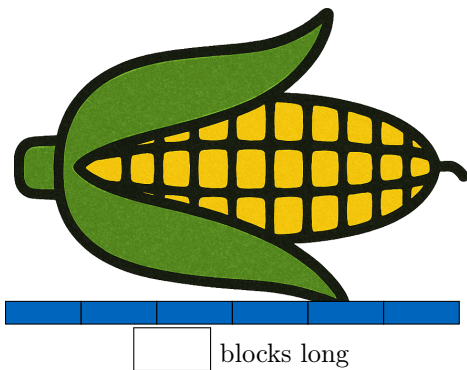**Ex 1:** How long?

[____] blocks long

Ex 2: How long?

[____] blocks long

Ex 3: How long?

[____] blocks long
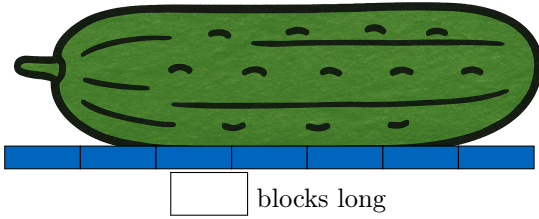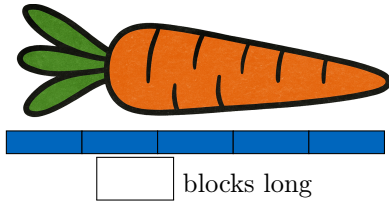
Ex 4: How long?

[____] blocks long

A.2 MEASURING LENGTHS WITH ERASERS

Ex 5: How long?

[____] erasers long

Ex 6: How long?

[____] erasers long

Ex 7: How long?

[____] erasers long
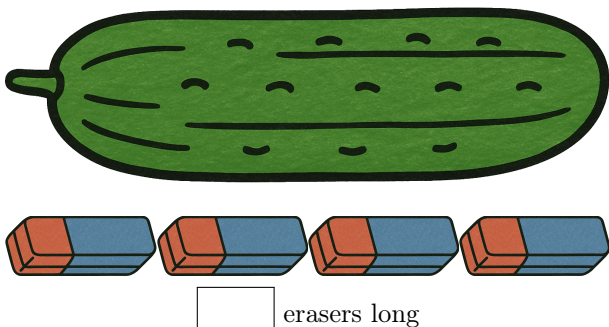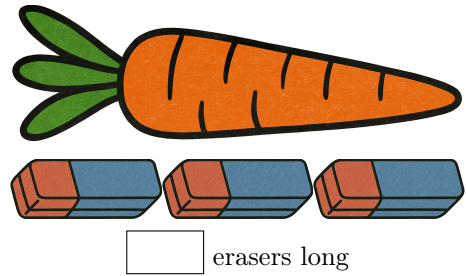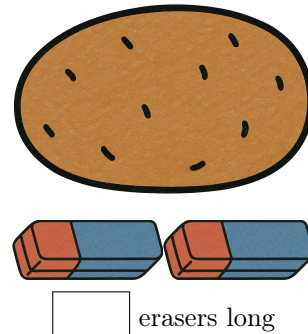
Ex 8: How long?

[____] erasers long
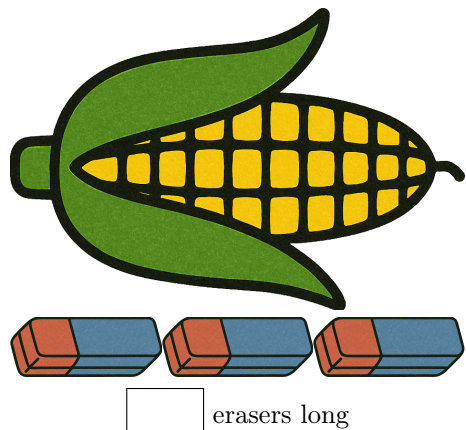
B LENGTH UNITS

B.1 CHOOSING LENGTH UNITS

MCQ 9: Which unit will be used to measure how long a pencil is?
Choose 1 answer:

☐ Millimeters

☐ Centimeters

☐ Meters

☐ Kilometers

MCQ 10: Which unit will be used to measure the distance between two cities?
Choose 1 answer:

☐ Millimeters

☐ Centimeters

☐ Meters

☐ Kilometers

MCQ 11: Which unit will be used to measure how tall a tree is?

Choose 1 answer:

☐ Millimeters

☐ Centimeters

☐ Meters

☐ Kilometers

MCQ 12: Which unit will be used to measure the length of an ant?

Choose 1 answer:

☐ Millimeters

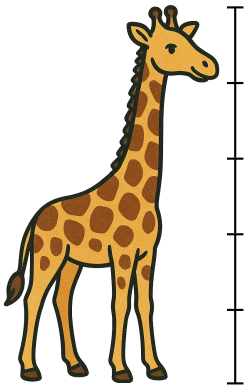☐ Centimeters

☐ Meters

☐ Kilometers

MCQ 13: Which unit will be used to measure how long a book is?

Choose 1 answer:

☐ Millimeters

☐ Centimeters
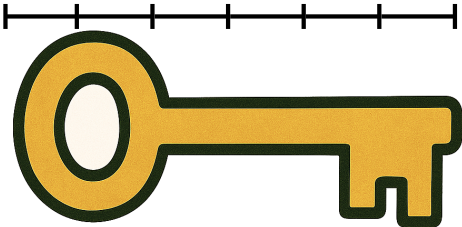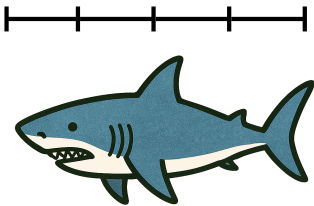
☐ Meters

☐ Kilometers

B.2 MEASURING

Ex 14:

The giraffe measures [ ] ☐ centimeters ☐ meters tall.
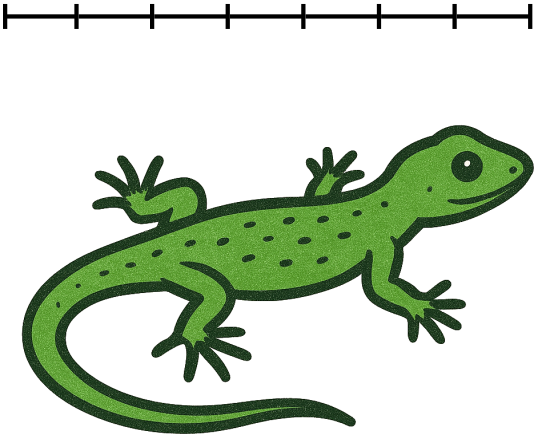
Ex 15:

The key measures [ ] ☐ centimeters ☐ meters long.
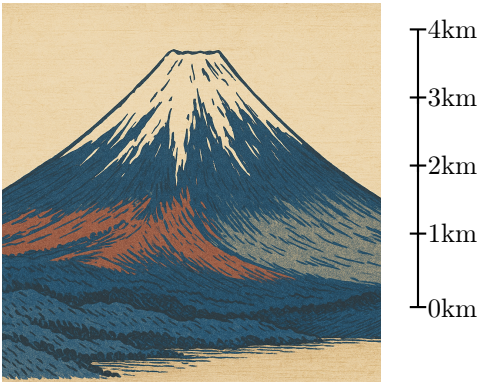
Ex 16:

The shark measures [ ] ☐ centimeters ☐ meters long.

Ex 17:

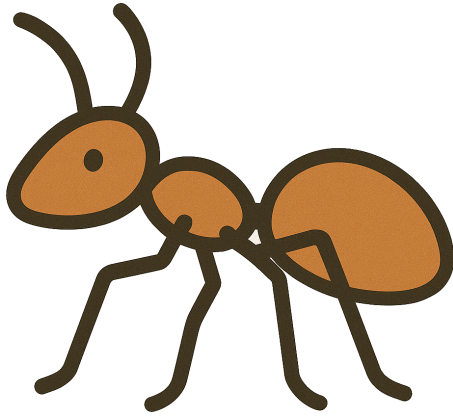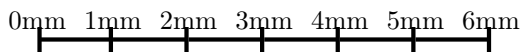The lizard measures [ ] ☐ centimeters ☐ meters long.

Ex 18:

Mount Fuji measures [ ] ☐ meters ☐ kilometers tall.

Ex 19:

0mm 1mm 2mm 3mm 4mm 5mm 6mm

The ant measures ☐ — ☐ millimeters / ☐ centimeters long.

C CONVERSION OF LENGTH UNITS

C.1 CONVERTING UNITS OF LENGTH

Ex 20: Convert:
$$2\,\text{km} = \boxed{}\ \text{m}.$$

Ex 21: Convert:
$$4\,\text{m} = \boxed{}\ \text{cm}.$$

Ex 22: Convert:
$$300\,\text{cm} = \boxed{}\ \text{m}.$$

Ex 23: Convert:
$$4\,000\,\text{m} = \boxed{}\ \text{km}.$$

Ex 24: Convert:
$$23\,\text{cm} = \boxed{}\ \text{mm}.$$

Ex 25: Convert:
$$6\,000\,\text{mm} = \boxed{}\ \text{m}.$$

C.2 SOLVING PROBLEMS WITH UNIT CONVERSIONS

MCQ 26: Hugo and Louis go walking. Louis walks 5 000 meters, and Hugo walks 4 kilometers. Who did the longest walk?

☐ Louis

☐ Hugo

MCQ 27: A giraffe is 5 meters tall, and a horse is 200 centimeters tall. Which animal is taller?

☐ Giraffe

☐ Horse

MCQ 28: A snake is 3 meters long, and a crocodile is 400 centimeters long. Which animal is longer?

☐ Snake

☐ Crocodile

MCQ 29: Emma walks 2 km to school, and Liam walks 3 000 meters to school. Who walks farther?

☐ Emma

☐ Liam