

Measurement

Name: _____

Unit Test

Date: _____

1. Fill in the missing numbers.

a)

| mm | cm |
|-----|-----|
| | 17 |
| | 1.7 |
| 0.2 | |

b)

| cm | dm |
|-----|-----|
| | 12 |
| | .31 |
| 4.6 | |

c)

| cm | m |
|-----|------|
| | 1.80 |
| 430 | |
| .21 | |

d)

| mm | m |
|-------|------|
| | 3 |
| | .015 |
| 2 345 | |

e)

| mm | dm |
|----|-------|
| | 0.003 |
| | 1.7 |
| 16 | |

f)

| cm | km |
|---------|-----|
| 650 | |
| | .46 |
| 160 800 | |

g)

| km | m |
|---------|---------|
| | 1.80 |
| | 345 678 |
| .000 07 | |

h)

| dm | km |
|--------|------|
| | 6 |
| | .075 |
| 87 650 | |

i) 33 m 4 dm _____ dm j) 33 m 4 dm = _____ cm k) 35 m 2 dm 1 cm = _____ mm

2. Choose which unit (km, m, or cm) belongs to complete each sentence.

Read carefully!

- a) Canada's entire coastline is about 200 000 _____ long.
- b) The mountain Aconcagua in Argentina is the tallest mountain in the Americas. It is almost 7 000 _____ high.
- c) A ostrich is the largest bird in the world. It is about 200 _____ tall. A hummingbird is the smallest bird in the world. It is about 7 _____ long.

3. Which scale makes sense for each map or model?

HINT: Refer to the measurements given in Question 2.

- a) An outline map of Canada: 1 cm = 10 000 _____
- b) A clay model of Aconcagua Mountain: 1 cm = 700 _____

4. Carol wants to make a ribbon border for a picture.
The picture is 3 dm by 45 cm. She has 1.3 m of ribbon.
How many more metres of ribbon does she need?