

Convert Units of Length

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1a. Write the missing lengths to make these sentences correct.

$$8,000\text{mm} = \boxed{} \text{ cm} = 8\text{m}$$

$$\boxed{} \text{ mm} = 400\text{cm} = 4\text{m}$$



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1b. Write the missing lengths to make these sentences correct.

$$\boxed{} \text{ mm} = 200\text{cm} = 2\text{m}$$

$$500\text{cm} = \boxed{} \text{ m} = 0.005\text{km}$$



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2a. Match the lengths to their conversions.

560cm

7m

70m

0.07km

700cm

5,600mm



VF

2b. Match the lengths to their conversions.

3,100mm

3,800mm

800cm

310cm

380cm

8m



VF

3a. Put these lengths in order from smallest to greatest.

9m

920cm

2,900mm



VF

3b. Put these lengths in order from greatest to smallest.

4,700mm

4m

740cm



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4a. Convert all these lengths to centimetres.

$$3\text{m} = \boxed{} \text{ cm}$$

$$1,700\text{mm} = \boxed{} \text{ cm}$$

$$630\text{mm} = \boxed{} \text{ cm}$$



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4b. Convert all these lengths to centimetres.

$$50\text{m} = \boxed{} \text{ cm}$$

$$6,100\text{mm} = \boxed{} \text{ cm}$$

$$2\text{m} = \boxed{} \text{ cm}$$



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5a. Write the missing lengths to make these sentences correct.

$$\boxed{} \text{ mm} = 350 \text{ cm} = \boxed{} \text{ m}$$

$$22,000 \text{ mm} = \boxed{} \text{ cm} = \boxed{} \text{ m}$$



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5b. Write the missing lengths to make these sentences correct.

$$\boxed{} \text{ mm} = 720 \text{ cm} = \boxed{} \text{ m}$$

$$140,000 \text{ cm} = \boxed{} \text{ m} = \boxed{} \text{ km}$$



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6a. Match the lengths to their conversions.

5,630cm

27m

2,700cm

56.3m

81m

0.081km



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6b. Match the lengths to their conversions.

481m

6,470mm

5,390cm

0.481km

647cm

53.9m



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7a. Put these lengths in order from greatest to smallest.

370cm

3m

3,570mm



VF

7b. Put these lengths in order from smallest to greatest.

9.1m

1,000cm

9,900mm



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8a. Convert all these lengths to metres.

$$0.067 \text{ km} = \boxed{} \text{ m}$$

$$9,200 \text{ cm} = \boxed{} \text{ m}$$

$$0.437 \text{ km} = \boxed{} \text{ m}$$



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8b. Convert all these lengths to metres.

$$3,700 \text{ cm} = \boxed{} \text{ m}$$

$$4,520 \text{ cm} = \boxed{} \text{ m}$$

$$0.018 \text{ km} = \boxed{} \text{ m}$$



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9a. Write the missing lengths to make these sentences correct.

$$\boxed{} \text{ mm} = \boxed{} \text{ cm} = 26\text{m}$$

$$0.73\text{km} = \boxed{} \text{ m} = \boxed{} \text{ cm}$$



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9b. Write the missing lengths to make these sentences correct.

$$\boxed{} \text{ m} = \boxed{} \text{ cm} = 59,000\text{mm}$$

$$47,100\text{cm} = \boxed{} \text{ m} = \boxed{} \text{ km}$$



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10a. Match the lengths to their conversions.

0.54km	54m
5,400cm	5.4m
5,400mm	540m



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10b. Match the lengths to their conversions.

360cm	360m
36,000mm	3.6m
0.36km	36m



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11a. Put these lengths in order from smallest to greatest.

88m 0.83km 88,300mm

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11b. Put these lengths in order from greatest to smallest.

29,000mm 0.022km 2,920cm

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12a. Convert all these lengths to metres.

$$1,900\text{mm} = \boxed{} \text{ m}$$

$$0.19\text{km} = \boxed{} \text{ m}$$

$$1,900\text{cm} = \boxed{} \text{ m}$$



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12b. Convert all these lengths to metres.

$$850\text{cm} = \boxed{} \text{ m}$$

$$85,000\text{mm} = \boxed{} \text{ m}$$

$$0.85\text{km} = \boxed{} \text{ m}$$



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