

Task A: Converting Between Metric Units

Which answer:

35cm is how many mm?

(a) 350mm

(b) 3.5mm

(c) 3500mm

Which answer?

35cm + 60mm = _____ cm

(a) 95cm

(b) 635cm

(c) 41cm

Order these lengths from shortest to longest:

750mm 160cm 0.9m your height

Explain the mistakes

$$23\text{cm} = \underline{2.3} \text{ mm}$$

$$3.05\text{m} = \underline{300.5} \text{ cm}$$

$$740\text{m} = \underline{7.4} \text{ km}$$

Task B: Converting Between Measurements

Explain the mistakes

$$23\text{cm} = \underline{2.3} \text{ mm}$$

$$3.05\text{m} = \underline{300.5} \text{ cm}$$

$$740\text{m} = \underline{7.4} \text{ km}$$

8km = 5 miles

$$\underline{\hspace{2cm}}\text{km} = 40 \text{ miles}$$

$$40\text{km} = \underline{\hspace{2cm}} \text{ miles}$$

$$60\text{km} = \underline{\hspace{2cm}} \text{ miles}$$

Order

Order the following from shortest to longest:

400 minutes

$\frac{1}{3}$ of a day

6 hours

18000 seconds

$$200 \text{ minutes} = \underline{\hspace{1cm}} \text{ hours } \underline{\hspace{1cm}} \text{ minutes}$$

$$200 \text{ hours} = \underline{\hspace{1cm}} \text{ days } \underline{\hspace{1cm}} \text{ hours}$$

Answers, Task A

Which Answer: 350mm Which Answer: 41cm

Shortest to longest: 75mm = 7.5cm, 0.9m = 90cm then for most children your height, then 160cm

Explain the mistakes: 23cm = 230mm, will be more mm than cm for the same length. 3.05m = 305cm, the digit 5 has only moved one place. 740m = 0.74km, 740m is less than 1km.

Answers, Task B

Explain the mistakes: 23cm = 230mm, will be more mm than cm for the same length. 3.05m = 305cm, the digit 5 has only moved one place. 740m = 0.74km, 740m is less than 1km.

64km = 40 miles 40km = 25 miles 60km = 37.5 miles

Order: 18000 seconds = 5 hours, 6 hours, 400 minutes = 6 hours 40 minutes, $\frac{1}{3}$ day = 8 hours

200 minutes = 3 hours 20 minutes 200 hours = 8 days and 8 hours