## Year 5

## Converting Units

## Name

$\qquad$
(I) Complete the conversions.

$$
\begin{aligned}
& 1 \mathrm{~m}=\frac{100}{} \mathrm{~cm} \\
& \text { I litre }=\underline{1,000} \text { millilitres } \\
& 3 \mathrm{~cm}=30 \\
& \mathrm{~mm}
\end{aligned}
$$

2 Today is Teddy's 2nd birthday.
Teddy's sister is 18 months younger than he is.
How old is Teddy's sister?

$$
6 \text { months old }
$$

(3) Complete the labels on the bar model.

$$
\mathrm{lkg}=\underline{1,000} \mathrm{~g}
$$



4
Compare the measurements using $<,>$ or $=$


5 Jack, Tommy and Whitney run a relay race.
Jack takes 1 minute and $Ч 2$ seconds.
Tommy takes 2 minutes and 3 seconds.
Whitney takes $1 \frac{1}{2}$ minutes.


Write Whitney's time in minutes and seconds.

How long do they take to complete the relay?


The winning team ran the race in 4 minutes and 57 seconds. How much slower were Jack, Tommy and Whitney?
I minute 30 seconds


2 marks

1 inch $\approx 2.54 \mathrm{~cm}$
Use this to complete the conversions.


10 inches $=\underline{25.4} \mathrm{~cm}$
$\underline{20}$ inches $=50.8 \mathrm{~cm}$
5 inches $=\underline{12.7} \mathrm{~cm}$
(7) Complete the conversions.
$5.6 \mathrm{~km}=\underline{5,600} \mathrm{~m}$
4 litres $+\frac{1}{4}$ litre $=4,250 \mathrm{ml}$
$450 \mathrm{~mm}+\underline{170} \mathrm{~mm}=62 \mathrm{~cm}$
$200 \mathrm{~g}+330 \mathrm{~g}+350 \mathrm{~g}=0.88 \mathrm{~kg}$

8 Whitney is driving from London to Edinburgh.
The drive takes 7 hours and 30 minutes.
She wants to arrive in Edinburgh before 3pm.

If she leaves at 7am, will she arrive in Edinburgh on time? You must show your working.

$$
\begin{aligned}
& 7 \mathrm{am}+7 \text { hours }=2 \mathrm{pm} \\
& 2 \mathrm{pm}+30 \text { mins }=2: 30 \mathrm{pm}
\end{aligned}
$$

(9) Mo cuts a piece of ribbon.

First he cuts a length of 25 cm .
Then he cuts a length of 1.45 m .


He now has 56 cm left.


How much ribbon did he have at the start?
Give your answer in metres.

$$
2.26
$$



2 marks

Circle how confident you feel with converting units.

| 1 | 2 | 3 | 4 | 5 |
| :--- | :--- | :--- | :--- | :--- |
| Vot <br> Noty <br> confident |  |  |  | confident |

