## Convert metric measures of lengths

a) Match the measurements to the numbers.


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mm in a cm
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m in a km


100

1,000
b) Nijah thinks there are one million millimetres in a metre.

Is Nijah correct? $\qquad$
Show workings to support your answer.
(2) Work out the calculations.
a) $7 \times 10=$ $\square$

$7 \times 1,000=$ $\square$
c) $1.7 \times 10=\square$

b)

$17 \times 1,000=$ $\square$
d) $0.7 \times 10=\square$
$0.7 \times 100=$

$0.7 \times 1,000=$ $\square$
(3)

Convert the lengths to metres
a)
2.5 km


650 cm

6.5 cm
$\square$
(4) Convert the lengths to centimetres.
a)

6.5 km


3.5 m
0.35 m

b)


800 mm
8 m

c)

9.2 m

$\square$
$\square$
(5) Write $>,<$ or $=$ to complete the statements.
a) 12 cm
 120 mm
c) 300 m
 $3,000 \mathrm{~cm}$
b)
d)
0.6 m
 600 mm

Find the area of each shape. Give your answers in $\mathrm{cm}^{2}$
The diagrams are not drawn to scale.

c)

f)

(7)

A circle has a radius of 60 cm
Use $\pi=3.14$, to work out the circumference of the circle.

Give your answer in metres.


8
The perimeter of a rectangle is 3.7 m .
One side of the rectangle is 42 cm long.
Work out the length of the other side of the rectangle.
$\square$
a) How many millimetres are there in 1 kilometre?

b) A rectangular field measures 600 m by 2 km .

Convert the side lengths to mm and find the area of the field in $\mathrm{mm}^{2}$ Give your answer in standard form.
$\square$

$\qquad$

