

Year 4 Measurement

Capacity

1 litre = 1000 millilitres

1 centilitre = 10 millilitres



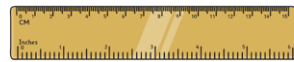
l
cl
ml

Length

1 kilometre = 1000 metres

1 metre = 100 centimetres

1 centimetre = 10 millimetres



km
m
cm
mm

Currency

1 pound = 100 pence



£
p

Time

1 day = 24 hours

1 hour = 60 minutes

1 minute = 60 seconds



h
min
s

Mass

1 tonne = 1000 kilograms

1 kilogram = 1000 grams

1 gram = 1000 milligrams



t
kg
g
mg

12-hour time

24-hour time

12am (midnight)
1am
2am
3am
4am
5am
6am
7am
8am
9am
10am
11am

00:00
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
11:00

12-hour time

24-hour time

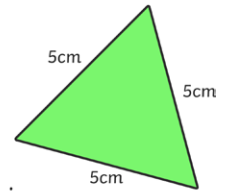
12pm (noon)
1pm
2pm
3pm
4pm
5pm
6pm
7pm
8pm
9pm
10pm
11pm

12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00

Finding the Perimeter

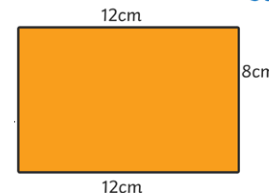
The **perimeter** of this triangle is:

$$5\text{cm} + 5\text{cm} + 5\text{cm} = 15\text{cm}$$



The **perimeter** of this rectangle is:

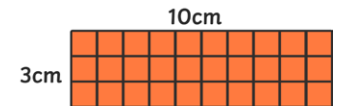
$$12\text{cm} + 12\text{cm} + 8\text{cm} + 8\text{cm} = 40\text{cm}$$



Finding the Area: Rectangle

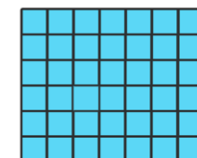
The area:

$$10\text{cm} \times 3\text{cm} = 30\text{cm}^2$$



The area:

$$7\text{cm} \times 6\text{cm} = 42\text{cm}^2$$



one thousand times bigger

ten times bigger

one hundred times bigger



ten times smaller

one hundred times smaller

one thousand times smaller



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