

Maths 22.02.21

Monday, February 08, 2021 1:50 PM

Spelling

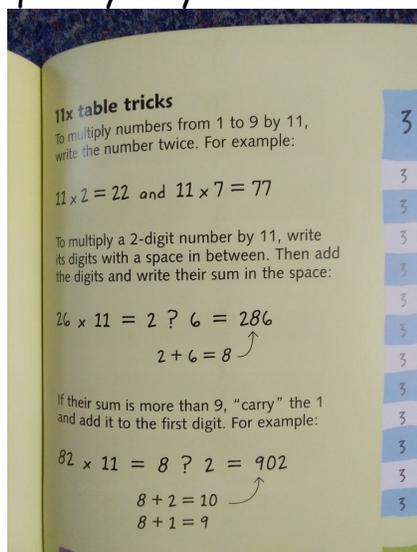
Please write all of your answers in **RED** so it is easier for us to find. If you finish, please move on to the next challenge or go on accelerated maths. **PLEASE SHOW YOUR WORKING OUT FOR AT LEAST 2 QUESTIONS.** This can be using the draw tool or a picture.

5 minute challenge! - Please aim to complete all of these questions even if it takes you longer than 5 minutes.

- 1) $1\frac{1}{3} + \frac{3}{6} =$ (remember to find the common denominator).
- 2) 8% of 48 = (for help with this, use page 43 of your SATS book).
- 3) _____ = $345 - 245$
- 4) $0.03 \times 1000 =$ (use your PV chart)
- 5) $0.2 \times 400 =$

Counting starter:

Practise your 11 times table. You might want to chant it, create a rhyme, spend 5 minutes on TT, write it down as quickly as you can or ask a family member to quiz you!



11 timestable:

$4 \times 11 =$

_____ $\times 11 = 88$

TBQ: Can I identify metric units of measures?

Watch the video below. This is new Y6 learning so it is essential that you watch it.

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<https://vimeo.com/504804646>

[Spr6.7.1 - Metric measures](#)

If you need any more help, please read page 46 of your SAT's book.

Use the draw tool or label them a, b, c and 1, 2, 3.

Match each length to a sensible estimate.

The height of a giraffe



5 cm

The length of a ladybird



5 m

The length of a rubber



5 mm

Match the measure to its definition.

length

how much an object weighs

volume

the amount of space enclosed by a container

mass

how much of a solid, liquid or gas an object can hold

capacity

the measurement of something from end to end

Activity 1 - Scavenger Hunt! Find something in your house that you should:

Measure in cm -

Measure in m -

Measure using litres -

Measure in grams -

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Chilli Challenge! Please write all of your answers in **red**. If you finish your challenge early, go on one of the maths programmes.

PLEASE WORK YOUR WAY THROUGH THE QUESTIONS TODAY.

Mild: To at least Q4.

Hot: To at least Q7.

Flamin': All of the questions.

Q1) Sort these units of measure into the correct categories.

Millimeters (mm), grams (g), millilitre (ml), tonne, kilogram (kg), litre (l), kilometer (km)

Length	Capacity	Mass

Q2) Either circle the correct answer or write it in the space underneath.

Which is the most appropriate unit for each item?

a) the mass of an elephant

g

kg

l

tonnes

b) the length of a classroom

cl cm m km

c) the capacity of a water bottle

cm³ m³ ml l

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d) the length of a fly

mm cm m mg

- A)
- B)
- C)
- D)

Q3) Either circle the correct answer or write it in the space underneath.

| Which is the best estimate for each item?

a) the capacity of a glass

2 ml 20 ml 200 ml 2,000 ml

b) the length of a rounders bat

50 mm 50 cm 50 m 50 km

c) the mass of a car

1.5 g 1.5 kg 1.5 tonnes 15 kg

d) the length of a football pitch

100 cm 100 m 100 km 100 mm

- A)
- B)
- C)
- D)

Q4)



It's impossible to measure the school field using centimetres!

Do you agree with Mo?

Explain your thinking.

Answer:

Q5) Estimate how much water it would take to fill a bath.
(Flamin': explain your choice of metric unit).

Answer:

Q6)

Dora and Ron are estimating the capacity of a jug.



The capacity of a jug is approximately 1 litre.

The capacity of a jug is approximately 600 ml.



They could both be correct.

Answer:

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Q7)

Eva is thinking about how to estimate the capacity of a swimming pool.



I know that a metal can holds roughly 200 ml of liquid. So to find out the capacity of a swimming pool, I could just imagine how many cans could fit into it!



Create your own way of estimating the capacity of a swimming pool.

Answer:

Q8)



I wonder how heavy our school is.

Write a plan to estimate the mass of your school.

Answer:

Q9)

Teddy thinks his chew bar is 13.2 cm long.

Do you agree? Explain why.





Answer:

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Q10)

Ron's dog is about $\frac{1}{4}$ of the height of the door.

Ron is three times the height of his dog.
Estimate the height of Ron and his dog.



Answer:

If you finish all the tasks, you can go on accelerated maths, TTRocks and Maths Facts.

Here is an extra challenge if you want to complete it!

7a. Robyn is measuring how far her classmates can jump.

Ellie	2.1	<input type="text"/>
Martha	<input type="text"/>	cm
Jake	<input type="text"/>	m

What unit of measure is missing?

Estimate the missing measurements, and convince me that these are accurate estimates.

8a. The children are estimating the area of a wall.



Safeeyah

I think it will be around 80m^2 .

I think it will take around 80m^3 .



Pippa

Who do you agree with and why?

**9a. A door is approximately 2m in height.
Estimate the heights for the following:**

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2 pens	
a chair	
a teacher	
2 water bottles	