

Hi everyone, hope you are keeping well. We have been busy with lots of activities at school, hope you are managing to complete as many of them as possible. Here are the activities for this week.

Love Miss H

Maths

Lesson 1 - Circles.

To calculate the circumference remember $2 \times \pi \times r$ (assume pi is 3)

E.g. if the radius is 3cm: $2 \times 3 \times 3 = 18\text{cm}$

To calculate the area remember πr^2 (assume pi is 3)

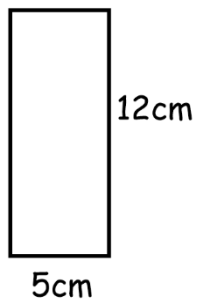
E.g. if the radius is 3cm: $3 \times 3^2 = 27\text{cm}^2$

Circumference $2\pi r$ 1) R = 13cm 2) R = 28cm 3) R = 17cm 4) D = 22cm 5) D = 24cm Area πr^2 1) R = 27cm 2) R = 15cm 3) D = 19cm	Circumference $2\pi r$ 1) R = 11cm 2) R = 20cm 3) R = 16cm 4) D = 30cm 5) D = 50cm Area πr^2 1) R = 4cm 2) R = 5cm 3) D = 12cm	Circumference $2 \times 3 \times r$ 1) R = 2cm 2) R = 4cm 3) R = 6cm 4) R = 8cm 5) D = 14cm 6) D = 20cm 7) D = 12cm 8) D = 18cm

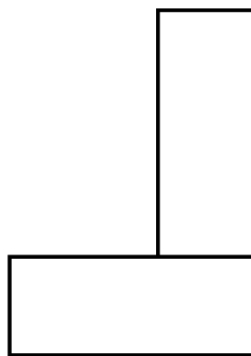
Lesson 2 - Area (length multiplied by the width).

Remember to split compound shapes into simple rectangles first.

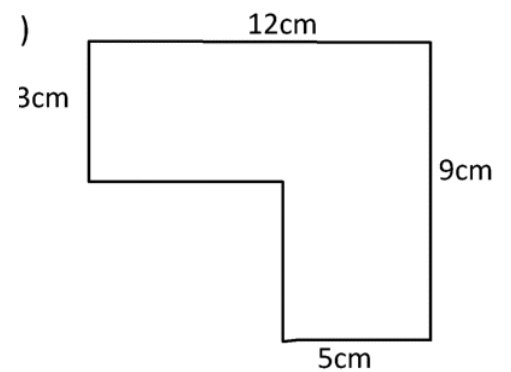
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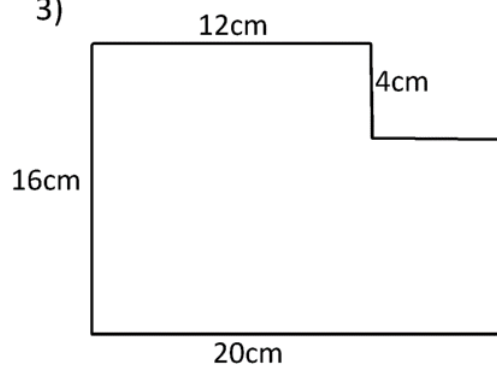
2)



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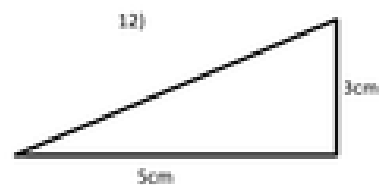
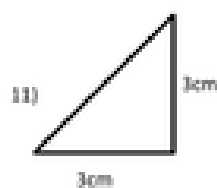
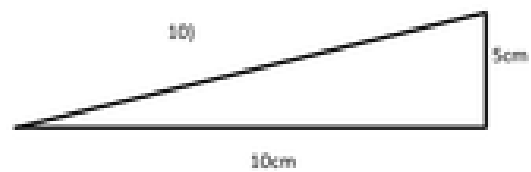
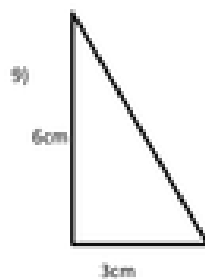
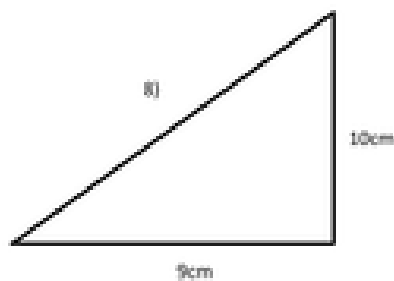
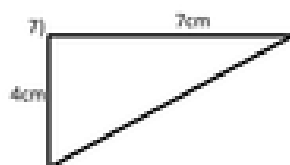
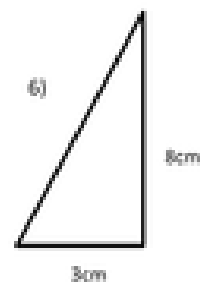
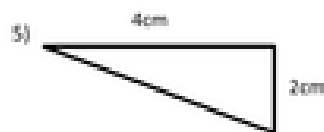
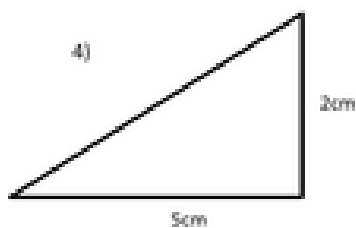
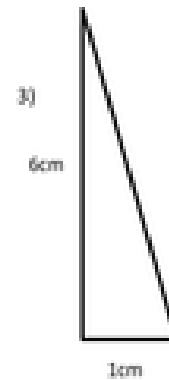
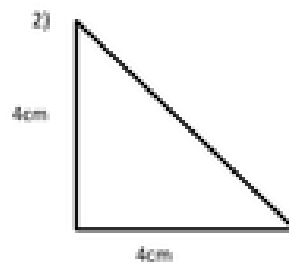
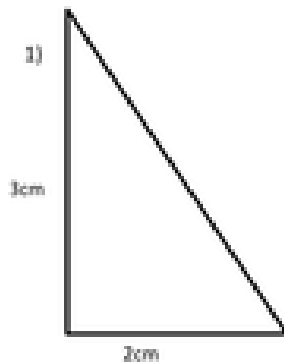
3)



Lesson 3 - Area of triangles and parallelograms.

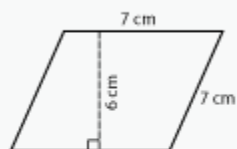
To work out the area of triangles remember to half the base and times the height.

To work out the area of a parallelogram remember to multiply the length by the perpendicular height.

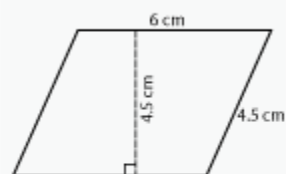




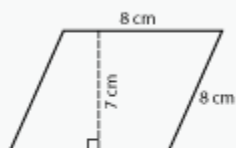
Area: _____



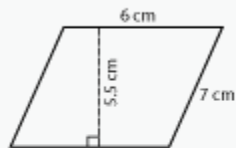
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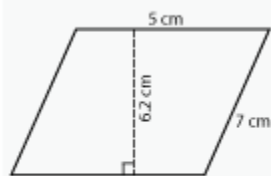
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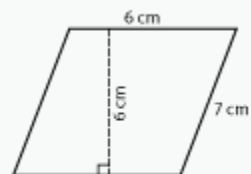
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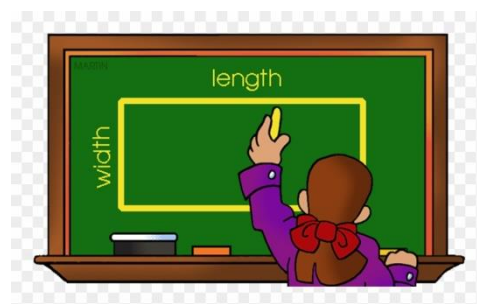
Area: _____



Area: _____



Area: _____



Lesson 4 - Adding fractions to equal 1.

E.g. $5/10 + 1/10 + 4/10 = 1$

Calculate these:	Calculate these:	Calculate these:
1) $1/4 + 1/2 + ? = 1$	1) $3/20 + 4/20 + ? = 1$	1) $1/5 + 2/5 + ? = 1$
2) $1/5 + 4/10 + ? = 1$	2) $15/40 + 13/40 + ? = 1$	2) $2/9 + 3/9 + ? = 1$
3) $1/2 + 3/10 + ? = 1$	3) $40/100 + 35/100 + ? = 1$	3) $4/12 + 5/12 + ? = 1$
4) $3/4 + 1/20 + ? = 1$	4) $25/50 + 17/50 + ? = 1$	4) $5/8 + 1/8 + ? = 1$
5) $2/8 + 1/4 + ? = 1$	5) $1/4 + 1/2 + ? = 1$	5) $1/3 + 1/3 + ? = 1$
6) $1/4 + 1/12 + ? = 1$	6) $1/5 + 2/10 + ? = 1$	6) $5/19 + 10/19 + ? = 1$
7) $1/4 + 1/3 + ? = 1$	7) $1/4 + 3/8 + ? = 1$	7) $5/9 + 2/9 + ? = 1$
8) $1/9 + 2/8 + ? = 1$	8) $2/5 + 3/10 + ? = 1$	8) $1/6 + 3/6 + ? = 1$
9) $1/7 + 5/9 + ? = 1$	9) $4/6 + 1/12 + ? = 1$	9) $11/15 + 2/15 + ? = 1$
10) $2/7 + 3/12 + ? = 1$	10) $3/7 + 2/14 + ? = 1$	10) $3/8 + 1/8 + ? = 1$

Lesson 5 - Part 2. Remember to check the denominators.

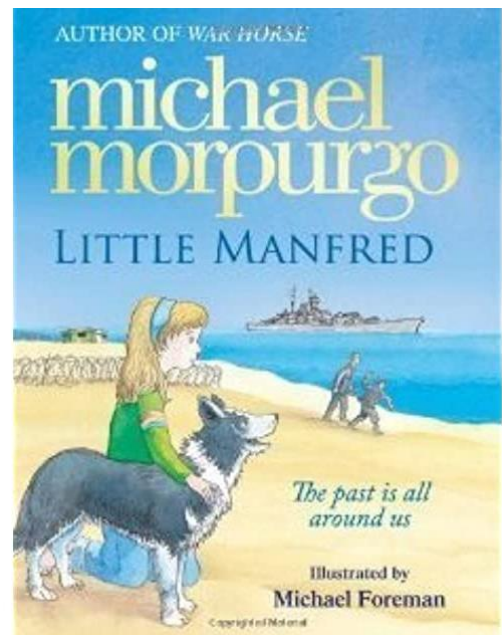
Calculate these:	Calculate these:	Calculate these:
1) $1/5 + 2/6 + ? = 1$	1) $3/5 + 2/10 + ? = 1$	1) $3/19 + 2/19 + ? = 1$
2) $3/6 + 1/7 + ? = 1$	2) $3/10 + 6/70 + ? = 1$	2) $3/5 + 1/5 + ? = 1$
3) $2/9 + 2/6 + ? = 1$	3) $5/8 + 1/64 + ? = 1$	3) $3/90 + 76/90 + ? = 1$
4) $4/7 + 1/5 + ? = 1$	4) $7/9 + 3/45 + ? = 1$	4) $3/8 + 2/8 + ? = 1$
5) $4/9 + 2/7 + ? = 1$	5) $8/12 + 4/144 + ? = 1$	5) $7/18 + 2/18 + ? = 1$
6) $1/3 + 5/8 + ? = 1$	6) $5/6 + 2/36 + ? = 1$	6) $1/5 + 6/25 + ? = 1$
7) $4/11 + 2/7 + ? = 1$	7) $6/11 + 4/44 + ? = 1$	7) $3/7 + 6/21 + ? = 1$
8) $4/9 + 1/8 + ? = 1$	8) $6/7 + 1/49 + ? = 1$	8) $2/5 + 7/35 + ? = 1$
9) $4/15 + 1/4 + ? = 1$	9) $8/10 + 4/100 + ? = 1$	9) $8/10 + 5/90 + ? = 1$
10) $5/20 + 1/3 + ? = 1$	10) $1/5 + 1/3 + ? = 1$	10) $6/9 + 2/36 + ? = 1$

Literacy

This week we are creating our own advertising poster for the Titanic. Try to think about what important information needs to be on it as well as writing it in a way that persuades and encourages people to buy a ticket. Try to be creative and consider the colour scheme, pictures, borders etc.

Reading

Having finished reading our previous book, we have started reading 'Little Manfred' by Michael Morpurgo. If you can, have a go at reading it.



Five Minute SPAG

Lesson 1 - Past progressive.

E.g. to watch = was watching

- 1) The boy to play during the night.
- 2) The children to sing in the concert.
- 3) An apple, an orange and a banana to sit next to each other.
- 4) Bert to write whilst Kate to read.

Lesson 2 - Phrase or Clause?

Remember that a clause has a verb in it.

- 1) Stop it
- 2) Who are you
- 3) The tiny kitten with ginger and white fur
- 4) The table was broken
- 5) Pink, green and yellow leaves

Lesson 3 - Write the sentences into the past tense.

- 1) What time is it?
- 2) The balloon bursts.
- 3) He rides his bike carefully.
- 4) Tom plays the violin, Tim flies planes and Tony blows bubbles.

Lesson 4 - Active to passive.

E.g. The dog bit the man. = The man was bitten by the dog.

- 1) Willie played the part of Scrooge.
- 2) Ben mum's took him to the shop.
- 3) The pilot flew the plane to Australia.
- 4) The bike was pedalled towards the park.

Lesson 5 - Active or Passive?

Remember if you can put 'by ...' on the end, it is passive.

- 1) The bees stung the child.
- 2) Amy's arm was hurt.
- 3) The bike was mended by the man.
- 4) The fan blew the cold air.
- 5) The children were stung.
- 6) Train delays were caused.

