

P5-7 Maths Tasks

Week beginning 20.4.2020

Maths Homework Options

To keep your mental maths up to scratch, keep working through your maths options sheets.

Frequent practise stops skills getting rusty.

10-15 minutes during each maths session will help your number work.

Talk Number

This week's number riddle...

- The number has five digits.
- The ten thousands digit is 2^2 .
- The hundreds digit is the number of sides in an octagon.
- The ones digit is 2 less than the tens digit.
- The thousands digit is the only even prime number.
- The tens digit is the same as the hundreds digit.

Area Task 1

Area of compound shapes

I've posted another Powerpoint, this one is area of compound shapes.

Play it as a slide show and work through the examples. Then try the area questions on page 2.

Area Task 2

Draw as many squares/rectangles as you can with the area: 16cm^2
 24cm^2 30cm^2 40cm^2 36cm^2

How? Think of numbers you can multiply together to make your total area. Factor bugs will help you here (on last week's tasks).

See my examples on page 3.

5-a-day

I've put some number problems on the next sheet, you can choose 5 each day to work on like we would in class.

Remember to choose a level that is challenging enough for you.

Times Table Practise

All this area work is going to need those tables to be sharp.

-Choose your rusty tables that need work. Write them out forwards and backwards.

-Bounce a ball, say the stations—forwards and backwards.

-Speed write them. Who is faster, you, mum or dad?

-Play Hit the Button on Top Marks

5-a-day

Choose a level of challenge, choose a row to do each day

Mild

- $36263 + 37474$ $25536 - 12736$ 2637×6 $436 \div 4$ $2 \times 7 > 3 \times 4$, true or false?
- $36477 + 93747$ $73547 - 37485$ 7363×8 $196 \div 7$ $49, 56, 63, \underline{\quad}, \underline{\quad}$
- $75538 + 24567$ $76400 - 36464$ 5886×5 $680 \div 8$ $6 \times 6 < 4 \times 9$, true or false?

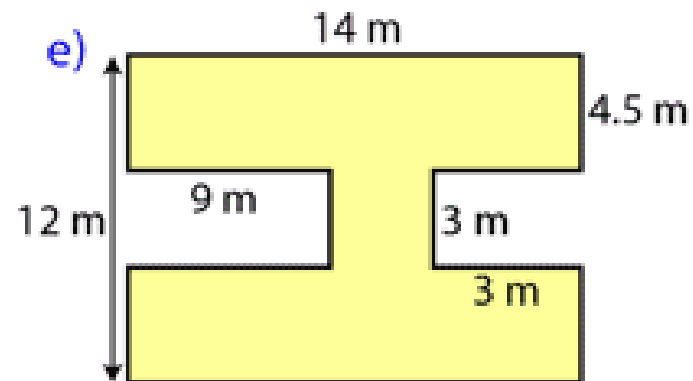
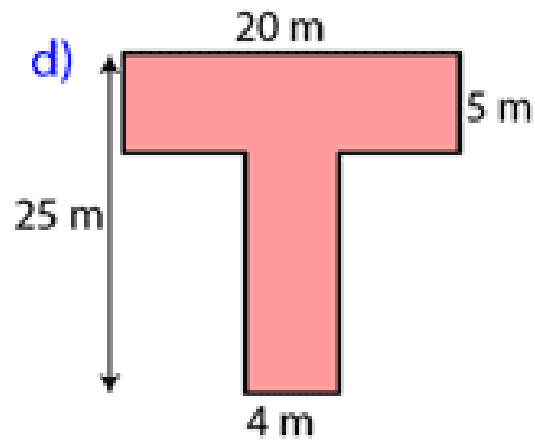
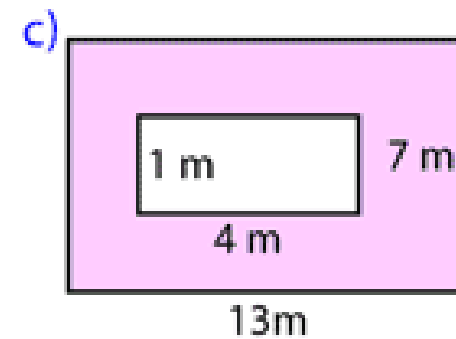
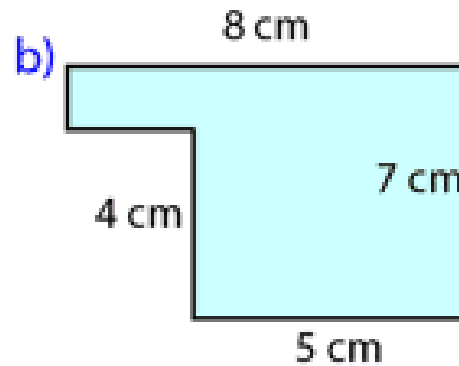
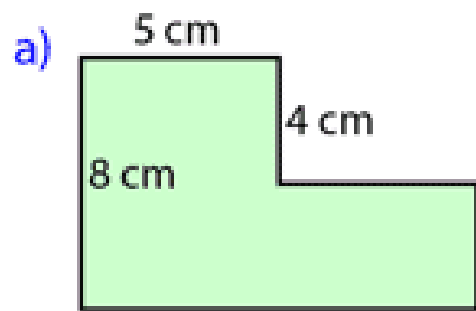
Medium

- $625.36 + 3648.8$ $2673 - 48.4$ 38.49×7 $208.48 \div 4$ $2.7 \times 10 > 3 \times 9$, true or false?
- $882.9 + 778.22$ $789.3 - 388.34$ 6532.3×8 $137.4 \div 6$ $3.5, 4, 4.5, \underline{\quad}, \underline{\quad}$
- $8754.28 + 722.46$ $6785.9 - 54.55$ 558.8×6 $788.8 \div 8$ $6 \times 7 < 4 \times 8$, true or false?

Spicy

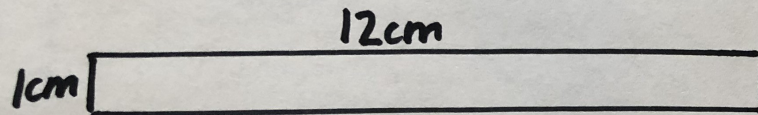
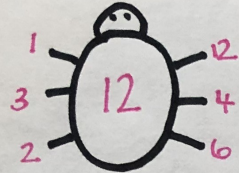
- $56.4 + 997.67 + 0.554$ $732 - 8.877$ 89×21 $9866 \div 4$ $9.25, 9.5, 9.75, \underline{\quad}, \underline{\quad}, \underline{\quad}$
- $738.3 + 3774.4 + 39.837$ $376 - 37.9927$ 37×86 $5833 \div 8$ $6, 4, 2, \underline{\quad}, \underline{\quad}, \underline{\quad}$
- $2273.66 + 12.29 + 872.498$ $473 - 7.378$ 22×49 $7951 \div 2$ $101.2, 101.4, 101.6, \underline{\quad}, \underline{\quad}$

I can find the area and perimeter of compound shapes...

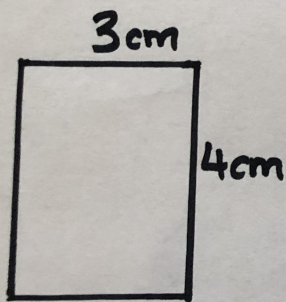


My example of how to draw different rectangles with the same area

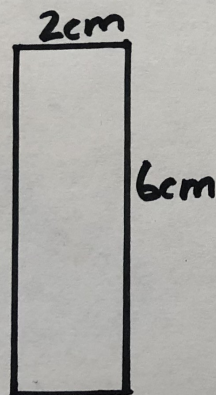
Area of 12cm^2



$$1\text{cm} \times 12\text{cm} = 12\text{cm}^2$$

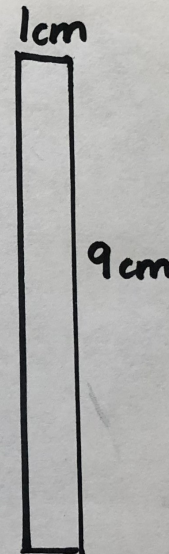
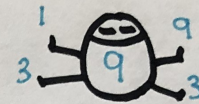


$$3\text{cm} \times 4\text{cm} = 12\text{cm}^2$$

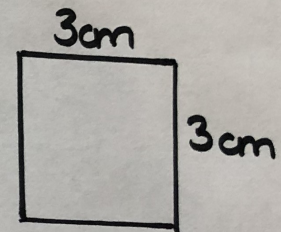


$$2\text{cm} \times 6\text{cm} = 12\text{cm}^2$$

Area of 9cm^2



$$1\text{cm} \times 9\text{cm} = 9\text{cm}^2$$



$$3\text{cm} \times 3\text{cm} = 9\text{cm}^2$$