

P5-7 Maths Tasks

Week beginning 11.5.2020

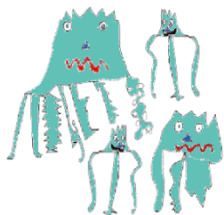
Maths Homework Options

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

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

Problem solving

On the planet Vuv there are two sorts of creatures. The Zios have 3 legs and the Zepts have 7 legs.



The great planetary explorer Nico, who first discovered the planet, saw a crowd of Zios and Zepts.

He managed to see that there was more than one of each kind of creature before they saw him. Suddenly they all rolled over onto their backs and put their legs in the air.

He counted 52 legs. How many Zios and how many Zepts were there? Do you think there are any different answers?

Area Challenge Part 2

I've posted the second part of your challenge alongside this maths grid.

You have to have completed part 1 before you can look at this week's challenge—so look back at last week's work if you haven't.

Sumdog Challenge

I've created another Sumdog challenge—this time its focusing on your tables.

Remember the point is to be **accurate** and **improve** your tables knowledge. Don't just guess and click answers.

I'll post the top 3 most accurate pupils at the end of the week.

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.

The answer is...

If the answer is **24**, what could the question be? I'm looking for answers using a range of maths skills, not just "23+1" or "25-1" so be creative here.

I've put an example on page 3 where the answer is 20, just in case you aren't sure what to do.

5-a-day

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

Mild

- $34685 + 26347$ $92738 - 38836$ 3827×7 $336 \div 4$ $7 \times 9 > 6 \times 8$, true or false?
- $73662 + 44473$ $90927 - 14326$ 2039×5 $308 \div 7$ $28, 35, 42, \underline{\quad}, \underline{\quad}$
- $63738 + 27838$ $80270 - 28836$ 2538×8 $210 \div 6$ $4 \times 4 < 3 \times 7$, true or false?

Medium

- $737.38 + 2637.9$ $378.2 - 63.5$ 37.45×7 $196.2 \div 6$ $2.6 \times 10 > 2 \times 12$, true or false?
- $638.4 + 58.45$ $647.3 - 478.48$ 3878.9×9 $149.8 \div 7$ $101.2, 101.4, 101.6, \underline{\quad}, \underline{\quad}$
- $2738.34 + 345.9$ $3422.5 - 384.45$ 3495.23×6 $626.4 \div 8$ $9 \times 7 < 6 \times 8$, true or false?

Spicy

- $92.3 + 839.39 + 3.493$ $948 - 8.387$ 83×73 $18.2 \div 8$ $7.3, 7.6, 7.9, \underline{\quad}, \underline{\quad}, \underline{\quad}$
- $893.2 + 737.3 + 3.899$ $560 - 8.878$ 65×99 $76.2 \div 4$ $6, 2, -2, \underline{\quad}, \underline{\quad}, \underline{\quad}$
- $8.99 + 87.26 + 378.9$ $78.4 - 2.272$ 33×41 $87.11 \div 2$ $12.4, 12.8, 13.2, \underline{\quad}, \underline{\quad}, \underline{\quad}$

Example for "The answer is..."

$13 + 7 = 20$

$-10 + 30 = 20$

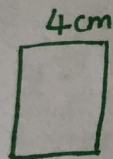
$16 \cdot 4 + 3 \cdot 6 = 20$

4 people win a prize of £80.
How much do they get each?
£20.

John gets on the bus at 10:55
and gets off at 11:15. How long
was his journey? 20 minutes.

$5x = 100$

$x = 20$



What is the
area of this
shape? 20cm².

If the answer is
20
What is the question?

10% of 200 = 20
50% of 40 = 20

$\frac{1}{3} \text{ of } 60 = 20$

$\frac{1}{4} \text{ of } 80 = 20$

$59 \cdot 1 = 39 \cdot 1 = 20$

$106 - 86 = 20$

$\frac{2}{5} \text{ of } 50 = 20$

$8 \cdot 2.5 = 20$

$4 \times 5 = 20$

$5 \times 4 = 20$

$2 \times 10 = 20$

$10 \times 2 = 20$

$1 \times 20 = 20$

$20 \times 1 = 20$

$2000 \div 100 = 20$

$100 \times 0.2 = 20$

$500 \div 25 = 20$

$20000 \div 1000 = 20$