

CSSE maths

Homework 3

- 1) Work as quickly and as carefully as you can.
- 2) Mark any alterations to your answers clearly. You will not lose marks for crossing out.
- 3) Complete all work independently

Name _____

Date _____



1) $5.7 + 1.06 =$ _____

2) $72.5 - 13.9 =$ _____

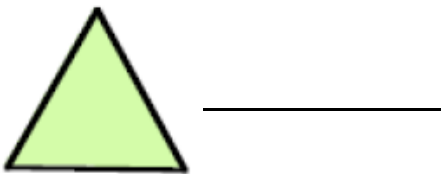
3) $0.54 \div 3 =$ _____

3) $1.2 \times 1/10 =$ _____

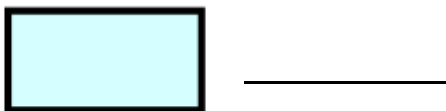
5) $3 \div 20 =$ _____

6) Solve $4x - 5 = 7$ _____

7) What is each angle in the shape below?



8) What is each angle in the shape below?



9) What is the remainder if the number below is divided by 5

$$2871 = \underline{\hspace{2cm}}$$

10) $3^4 + \underline{\hspace{1cm}}? = 85$ $? = \underline{\hspace{2cm}}$

11) $2^2 + \underline{\hspace{1cm}}? = 20$ $? = \underline{\hspace{2cm}}$

12) $3^? \times 2^2 = 108$ $? = \underline{\hspace{2cm}}$

13) What number exactly in the middle of these
1.7 and 2.3 =

14) What number exactly in the middle of these
-2.5 and 4.5 =

15) Three girls score a mean of 12 in a test. If two score 14 and 10, what did the third score?

16) Calculate $\frac{3}{4} \times \frac{4}{9} = \underline{\hspace{2cm}}$

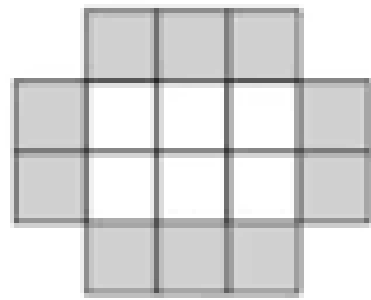
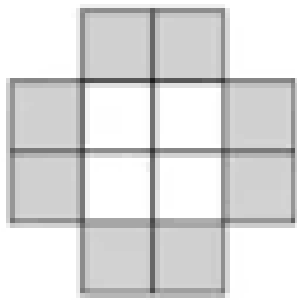
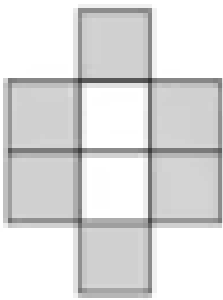
17) Calculate $\frac{2}{3} \times 5 = \underline{\hspace{2cm}}$

18) Calculate $\frac{3}{4} \div 12 = \underline{\hspace{2cm}}$

19) If 6 coffees cost £11.10 calculate how much 9 coffees cost.

20) If you are 6 feet and 11 inches, how tall will you be if you grow 3 more inches?
(Hint: there are 12 inches in a foot)

21) Calculate how many m are there in 320000 millimetres?

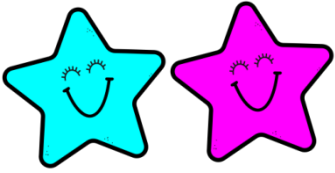


The sequence above is made up of grey and white tiles.

22) How many tiles will be in 5th pattern?

23) How many white tiles will be in the 20th pattern?

24) How many black tiles will be in the 30th pattern?



CSSE English

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Imagine you are looking out your window, use this theme to write an example of a:

1) Hyperbole

2) Alliteration

3) Onomatopoeia

4) Personification

Read the story below and identify the literary techniques used.

From my window, I can see the hustle and bustle of the town. People rushing to work, cars honking, and the sound of construction echoing in the distance. It's a constant reminder of the fast-paced life we all lead. But amidst the chaos, there is also beauty.

On a clear day, I can see the sun rising over the horizon, painting the sky with shades of pink and orange. It's a breathtaking sight, one that never fails to bring a sense of peace to my soul. And as the day progresses, the sky transforms into a canvas of blue with fluffy white clouds scattered across it.

But it's not just the sky that captures my attention. The trees that line the streets change with the seasons, from vibrant green leaves in the summer to a golden canopy in the fall. And in the winter, when the snow covers everything in a blanket of white, my view becomes a winter wonderland.

Write definitions for the the words:

Echoing:

Vibrant:

Canvas:

Getting ready for next week...

Fill in the gaps below to help you learn your triangular numbers off by heart. Write them all below...

The first 15 triangular numbers are:

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Identify the order of rotation for each of these shapes (write them underneath)

