

Year 6 Spring 1 Maths Activity Mat 4

Section 1

The gas nitrogen liquefies at -196°C and freezes at -210°C . What is the difference between these temperatures?

Section 2

Calculate in your head:

$$461 + 237 + 84 = \boxed{}$$

$$450 + 287 + 163 = \boxed{}$$

$$692 - 461 = \boxed{}$$

$$792 - (129 + 41) = \boxed{}$$

Section 3

Calculate:

$$12 \times (\boxed{} - 9) = 84$$

$$36 + \boxed{} \times 9 = 108$$

$$(12 + 9) \div \boxed{} = 3$$

Section 4

Calculate the decimal equivalent of $\frac{1}{12}$.

Section 5

George and Emily each have a collection of stamps. They decide to put their collections together. George has 583 in his book and Emily has 492. They have 23 and 89 respectively to stick in the books. They also buy some stamps at a fair. They now have 1200 stamps, rounded to the nearest 100. What is the most number of stamps they could have bought at the fair?

Section 6

Write the dimensions of five cuboids with a volume of 24cm^3 , where the edges are all whole centimetres.

Section 7

Draw a circle. Draw and label the circumference and diameter.

Section 8

One number is missing from this set of numbers, but the mean is 18. What number is missing?

3, 19, 15, 28, ?