

1. Create a four-digit number divisible by 3, 4 and 5.
(Hint: make sure it satisfies the divisibility rules of all the three numbers)

Divide the number to show it is divisible by 3, 4 and 5

Divide by 2 Divide by 3 Divide by 5

Do you think this number will be divisible by 6? Why?

2. Find the values of the variables x and y to make the fractions equivalent

$$\frac{2}{3} = \frac{x}{9} = \frac{y}{27}$$

$x =$ _____

$y =$ _____

3. In a class of 36 pupils, a third of the pupils are female.
- How many pupils are female? _____
 - How many pupils are male? _____



4. What is the smallest number that must be subtracted from 491 to make it exactly divisible by 3?

5. Simplify

$$\left(\frac{36 \times 36}{12} \right) + \left(\frac{(14 \times 13)}{(19 - 17)} \right)$$

6. The arithmetic mean of a set of numbers is given by the formula

$$\text{mean} = \frac{\text{sum of items}}{\text{number of items}}$$

Find the mean of the following numbers

18 23 41 12 16

7. Thrice a number is 5 less than 26. What is the number?

8. How many 0.2 can I find in 2.8?

9. Express as a decimal

$$1\frac{3}{8}$$
