



**Toilet paper**



**Pee**



**Poo**

**WHAT IS ALGEBRA?**

Algebra is where symbols are used instead of numbers. Usually they use letters (typically x and y) but we thought it would be fun to use our 3P's: Toilet paper, pee and poo!

**Can you solve these calculations?**

Look at the number sentence below. What number does represent in these equations?



$$6 + \text{Poo} = 10 \quad \text{Poo} =$$

$$10 - \text{Poo} = 3 \quad \text{Poo} =$$

$$8 + \text{Poo} = 10 \quad \text{Poo} =$$

$$10 - \text{Poo} = 5 \quad \text{Poo} =$$

$$9 + \text{Poo} = 10 \quad \text{Poo} =$$

$$10 - \text{Poo} = 1 \quad \text{Poo} =$$

If  $\text{Poo} = 5$     $\text{Pee} = 4$    and    $\text{Toilet paper} = 6$

can you work out the calculations below?

$$\text{Poo} + \text{Poo} =$$

$$\text{Poo} + \text{Toilet paper} + \text{Pee} =$$

$$\text{Toilet paper} + \text{Toilet paper} =$$

$$\text{Poo} + \text{Poo} + \text{Pee} =$$

$$\text{Pee} + \text{Pee} =$$

$$\text{Toilet paper} + \text{Pee} + \text{Toilet paper} =$$

$$\text{Toilet paper} + \text{Pee} =$$

$$\text{Poo} + \text{Toilet paper} + \text{Poo} =$$

$$\text{Toilet paper} + \text{Poo} =$$

$$\text{Toilet paper} + \text{Toilet paper} + \text{Toilet paper} =$$

KS1 SEWER MISSING SUMS

ANSWER SHEET

$$6 + \text{poop} = 10 \quad \text{poop} = 4$$

$$8 + \text{poop} = 10 \quad \text{poop} = 2$$

$$9 - \text{poop} = 10 \quad \text{poop} = 1$$

$$10 - \text{poop} = 3 \quad \text{poop} = 7$$

$$10 - \text{poop} = 5 \quad \text{poop} = 5$$

$$10 - \text{poop} = 1 \quad \text{poop} = 9$$

$$\text{poop} + \text{poop} = 10$$

$$\text{toilet} + \text{toilet} = 12$$

$$\text{drop} + \text{drop} = 8$$

$$\text{toilet} + \text{drop} = 10$$

$$\text{toilet} + \text{poop} = 11$$

$$\text{poop} + \text{toilet} + \text{drop} = 15$$

$$\text{poop} + \text{poop} + \text{drop} = 14$$

$$\text{toilet} + \text{drop} + \text{toilet} = 16$$

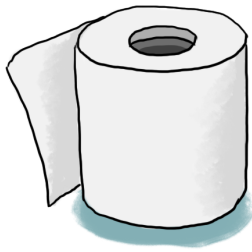
$$\text{poop} + \text{toilet} + \text{poop} = 16$$

$$\text{toilet} + \text{toilet} + \text{toilet} = 18$$

KS2 SEWER MISSING SUMS

WHAT IS ALGEBRA?

Algebra is where symbols are used instead of numbers. Usually they use letters (typically x and y) but we thought it would be fun to use our 3P's: Toilet paper, pee and poo!



Toilet paper



Pee



Poo

Can you solve these calculations?

Look at the number sentence below. What number does represent in these equations?



$$7 + \text{Poo} = 10 \quad \text{Poo} =$$

$$\text{Poo} + 3 = 91 \quad \text{Poo} =$$

$$40 - \text{Poo} = 23 \quad \text{Poo} =$$

$$70 \div \text{Poo} = 10 \quad \text{Poo} =$$

$$\text{Poo} \times \text{Poo} = 49 \quad \text{Poo} =$$

$$\text{Poo} \times 6 = 54 \quad \text{Poo} =$$

$$\text{Poo} + 53 = 100 \quad \text{Poo} =$$

$$48 \div \text{Poo} = 8 \quad \text{Poo} =$$

$$100 - \text{Poo} = 29 \quad \text{Poo} =$$

$$\text{Poo} \times 7 = 63 \quad \text{Poo} =$$

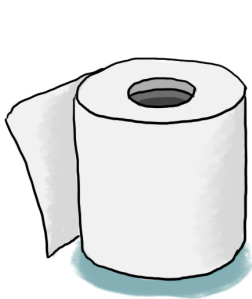
$$28 + \text{Poo} = 75 \quad \text{Poo} =$$

$$12 \times \text{Poo} = 36 \quad \text{Poo} =$$

$$85 - \text{Poo} = 29 \quad \text{Poo} =$$

$$144 \div \text{Poo} = 12 \quad \text{Poo} =$$

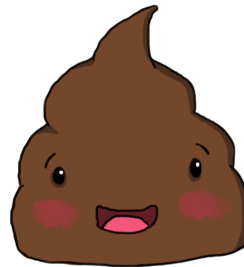
KS2 SEWER MISSING SUMS



Toilet paper



Pee









Poo



Toilet


Can you solve these calculations?

Lets try some longer equations. Be sure to read carefully first!



4  is the same as  +  +  +  or 4x 

If  = 20     = 5     = 10 and  = 9

Work out the calculations below:



3  +  =


6  ÷  =

8  -  =

8  + 6  =

5  +  =

10  ÷  =

9  -  =

7  + 12  =

KS2 SEWER MISSING SUMS

ANSWER SHEET

$$7 + \text{poop} = 10 \quad \text{poop} = 3$$

$$40 - \text{poop} = 23 \quad \text{poop} = 17$$

$$\text{poop} \times \text{poop} = 49 \quad \text{poop} = 7$$

$$\text{poop} + 53 = 100 \quad \text{poop} = 47$$

$$100 - \text{poop} = 29 \quad \text{poop} = 71$$

$$28 + \text{poop} = 75 \quad \text{poop} = 47$$

$$85 - \text{poop} = 29 \quad \text{poop} = 56$$

$$3 \text{ poop} + \text{toilet roll} = 70$$

$$8 \text{ toilet roll} - \text{teardrop} = 75$$

$$5 \text{ teardrop} + \text{toilet} = 34$$

$$9 \text{ toilet} - \text{poop} = 61$$

$$\text{poop} + 3 = 91 \quad \text{poop} = 88$$

$$70 \div \text{poop} = 10 \quad \text{poop} = 7$$

$$\text{poop} \times 6 = 54 \quad \text{poop} = 9$$

$$48 \div \text{poop} = 8 \quad \text{poop} = 6$$

$$\text{poop} \times 7 = 63 \quad \text{poop} = 9$$

$$12 \times \text{poop} = 36 \quad \text{poop} = 3$$

$$144 \div \text{poop} = 12 \quad \text{poop} = 12$$

$$6 \text{ poop} \div \text{toilet roll} = 12$$

$$8 \text{ teardrop} + 6 \text{ toilet} = 94$$

$$10 \text{ poop} \div \text{teardrop} = 40$$

$$7 \text{ toilet} + 12 \text{ toilet roll} = 183$$