

Maths Holiday Homework

Winter Holidays

Y3 Task



Addition and Subtraction Word Problems



LO: to solve word problems using addition and subtraction

Solve the following problems:

- 1) There are 167 books in one classroom and 392 books in the other.
How many books are there altogether in both classrooms?
- 2) Jay has a collection of 263 football cards. His brother has 189.
How many more football cards does Jay have?
- 3) A family drive 208 miles from London to Manchester, and then 213 miles on to Glasgow.
How far did they travel altogether?
- 4) A cricket team score 456 in the first innings and 249 in the second innings.
How many runs did they score altogether?
- 5) Jenny has £5.67. She spends £2.85 on a present for her brother.
How much money does she have left?
- 6) Abi collects stamps. She has 351 in a box and 456 in a book.
How many does she have altogether?
- 7) A lorry driver has a 561 mile journey. He stops for a break after 314 miles.
How much further has he to travel?
- 8) A pack of Christmas cards costs £5.49.
How much change would there be from £10.00?
- 9) A packet of lentils weighs 450g and a packet of kidney beans weighs 385g.
How much do they both weigh altogether?
- 10) A shopkeeper has 367 bottles of lemonade.
He orders 480 more. How many bottles of lemonade will he have now?

Challenge

Two children have 720 marbles between them.
Jay has 126 more than Abi.
How many does Abi have?

Y4 Task 1

Answer these calculations using a formal written method.

1. 45×3	2. 17×7	3. 26×4
4. 39×6	5. 29×6	6. 47×4
7. 60×9	8. 67×8	9. 43×4

Y4 Task 2

1) Complete the long multiplication calculations.

a)				
			3	6
		x	3	2
<hr/>				
<hr/>				

b)				
			4	6
		x	3	3
<hr/>				
<hr/>				

c)				
			1	4
		x	2	3
<hr/>				
<hr/>				

d)				
			2	5
		x	3	6
<hr/>				
<hr/>				

e)				
			3	5
		x	5	6
<hr/>				
<hr/>				

f)				
			4	3
		x	3	3
<hr/>				
<hr/>				

Y3 – memorise 3,4- and 8-times tables.

Y4 – memorise all these times tables.

1x table

$0 \times 1 = 0$
 $1 \times 1 = 1$
 $2 \times 1 = 2$
 $3 \times 1 = 3$
 $4 \times 1 = 4$
 $5 \times 1 = 5$
 $6 \times 1 = 6$
 $7 \times 1 = 7$
 $8 \times 1 = 8$
 $9 \times 1 = 9$
 $10 \times 1 = 10$
 $11 \times 1 = 11$
 $12 \times 1 = 12$

2x table

$0 \times 2 = 0$
 $1 \times 2 = 2$
 $2 \times 2 = 4$
 $3 \times 2 = 6$
 $4 \times 2 = 8$
 $5 \times 2 = 10$
 $6 \times 2 = 12$
 $7 \times 2 = 14$
 $8 \times 2 = 16$
 $9 \times 2 = 18$
 $10 \times 2 = 20$
 $11 \times 2 = 22$
 $12 \times 2 = 24$

3x table

$0 \times 3 = 0$
 $1 \times 3 = 3$
 $2 \times 3 = 6$
 $3 \times 3 = 9$
 $4 \times 3 = 12$
 $5 \times 3 = 15$
 $6 \times 3 = 18$
 $7 \times 3 = 21$
 $8 \times 3 = 24$
 $9 \times 3 = 27$
 $10 \times 3 = 30$
 $11 \times 3 = 33$
 $12 \times 3 = 36$

4x table

$0 \times 4 = 0$
 $1 \times 4 = 4$
 $2 \times 4 = 8$
 $3 \times 4 = 12$
 $4 \times 4 = 16$
 $5 \times 4 = 20$
 $6 \times 4 = 24$
 $7 \times 4 = 28$
 $8 \times 4 = 32$
 $9 \times 4 = 36$
 $10 \times 4 = 40$
 $11 \times 4 = 44$
 $12 \times 4 = 48$

5x table

$0 \times 5 = 0$
 $1 \times 5 = 5$
 $2 \times 5 = 10$
 $3 \times 5 = 15$
 $4 \times 5 = 20$
 $5 \times 5 = 25$
 $6 \times 5 = 30$
 $7 \times 5 = 35$
 $8 \times 5 = 40$
 $9 \times 5 = 45$
 $10 \times 5 = 50$
 $11 \times 5 = 55$
 $12 \times 5 = 60$

6x table

$0 \times 6 = 0$
 $1 \times 6 = 6$
 $2 \times 6 = 12$
 $3 \times 6 = 18$
 $4 \times 6 = 24$
 $5 \times 6 = 30$
 $6 \times 6 = 36$
 $7 \times 6 = 42$
 $8 \times 6 = 48$
 $9 \times 6 = 54$
 $10 \times 6 = 60$
 $11 \times 6 = 66$
 $12 \times 6 = 72$

7x table

$0 \times 7 = 0$
 $1 \times 7 = 7$
 $2 \times 7 = 14$
 $3 \times 7 = 21$
 $4 \times 7 = 28$
 $5 \times 7 = 35$
 $6 \times 7 = 42$
 $7 \times 7 = 49$
 $8 \times 7 = 56$
 $9 \times 7 = 63$
 $10 \times 7 = 70$
 $11 \times 7 = 77$
 $12 \times 7 = 84$

8x table

$0 \times 8 = 0$
 $1 \times 8 = 8$
 $2 \times 8 = 16$
 $3 \times 8 = 24$
 $4 \times 8 = 32$
 $5 \times 8 = 40$
 $6 \times 8 = 48$
 $7 \times 8 = 56$
 $8 \times 8 = 64$
 $9 \times 8 = 72$
 $10 \times 8 = 80$
 $11 \times 8 = 88$
 $12 \times 8 = 96$

9x table

$0 \times 9 = 0$
 $1 \times 9 = 9$
 $2 \times 9 = 18$
 $3 \times 9 = 27$
 $4 \times 9 = 36$
 $5 \times 9 = 45$
 $6 \times 9 = 54$
 $7 \times 9 = 63$
 $8 \times 9 = 72$
 $9 \times 9 = 81$
 $10 \times 9 = 90$
 $11 \times 9 = 99$
 $12 \times 9 = 108$

10x table

$0 \times 10 = 0$
 $1 \times 10 = 10$
 $2 \times 10 = 20$
 $3 \times 10 = 30$
 $4 \times 10 = 40$
 $5 \times 10 = 50$
 $6 \times 10 = 60$
 $7 \times 10 = 70$
 $8 \times 10 = 80$
 $9 \times 10 = 90$
 $10 \times 10 = 100$
 $11 \times 10 = 110$
 $12 \times 10 = 120$

11x table

$0 \times 11 = 0$
 $1 \times 11 = 11$
 $2 \times 11 = 22$
 $3 \times 11 = 33$
 $4 \times 11 = 44$
 $5 \times 11 = 55$
 $6 \times 11 = 66$
 $7 \times 11 = 77$
 $8 \times 11 = 88$
 $9 \times 11 = 99$
 $10 \times 11 = 110$
 $11 \times 11 = 121$
 $12 \times 11 = 132$

12x table

$0 \times 12 = 0$
 $1 \times 12 = 12$
 $2 \times 12 = 24$
 $3 \times 12 = 36$
 $4 \times 12 = 48$
 $5 \times 12 = 60$
 $6 \times 12 = 72$
 $7 \times 12 = 84$
 $8 \times 12 = 96$
 $9 \times 12 = 108$
 $10 \times 12 = 120$
 $11 \times 12 = 132$
 $12 \times 12 = 144$