

Unit 3 Week 3 Maths

Thursday Simmering

Choose one section for your simmering then one section for your main activity. If you fancy a challenge do try the next level

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<ol style="list-style-type: none">1. What is 10 more than 137?2. What is 10 less than 209?3. What is the value of the underlined digit in: <u>1</u>4324. $135+22$5. $256-33$6. 3×87. $80\div 10$8. 6×4	<ol style="list-style-type: none">1. What is 100 more than 13462. What is 100 less than 2134?3. Round 812 to the nearest 10 and 1004. $735+176$5. $824-146$6. 3.7×1007. $6300\div 10$8. What is XLIV in digits?	<ol style="list-style-type: none">1. What is 1000 more than 5731?2. What is 1000 less than 11004?3. Round 6732 to the nearest 10, 100 and 10004. $1434+573$5. $6232-456$6. 6.7×10007. $7340\div 100$8. What is CXIX in digits?

Thursday*

1 $8 - \square = 6$

2 $12 + \square = 14$

3 $\square + 3 = 18$

4 $\square - 7 = 11$

SECTION B

1 $\square + 8 = 26$

2 $7 = 42 - \square$

3 $\square - 7 = 83$

4 $4 + \square + 3 = 76$

- 1 Between 9 am and 5 pm a café sold **200** cups of coffee and **145** cups of tea. How many drinks did they sell altogether?



- 2 There are **328** sweets in a tub. Humma and Isiah eat **200** of the sweets. How many sweets are left?

- 3 Siddiq and his grandad are making a cake. They start by putting **175 g** of sugar and **300 g** of butter into a bowl. How many **grams** of sugar and butter are in the bowl?

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Thursday **

1 $16 + \square = 19$

2 $\square - 12 = 3$

3 $\square - 201 = 538$

4 $\square + 235 = 589$

SECTION B

1 $\square - 6 = 86$

2 $\square + 8 + 9 = 37$

3 $438 + \square = 781$

4 $\square - 3824 = 2345$

Use inverse operations to check answers to a calculation

- 1 Ahmed's teacher asked him to write the inverse of

$$16 + 7 = 23$$

What might he have written?



- 2 Sophie has worked out that $243 - 122 = 121$. She wants to check her calculation using an inverse operation. What might her calculation be?

- 3 How could you check, using subtraction, that 233 add 145 equals 378?

- 4 Miss Walker had £532 and she spent £287. She worked out by subtracting £287 from £532 that she had £245 left. Write an inverse calculation that she could use to check this.

- 5 $6 + 9 = 15$. Can you write 2 subtraction calculations that you can work out from this addition fact?

Thursday ***

1 - 9 = 73

2 $9 + \text{} + 9 = 79$

3 - 148 = 325

4 - 3291 = 5463

SECTION C

1 - 326 = 325

2 $717 + \text{} = 742$

3 $4724 + \text{} = 8215$

4 + 549 + 168 = 3248

- 1 Can you turn this number sentence into a subtraction?

$$26 + 62 = 88$$

- 2 Mrs Thompson wrote this inverse operation on the board. Can you fill in the missing numbers?

$$150 - 88 = 62$$

$$\text{} + 88 = \text{}$$

- 3 Ahmed works out that $79 - 32 = 47$. How could he check his answer using the inverse operation?

- 4 Lucy writes an inverse of $142 + 190 = 332$. What number sentence might she write?

Answers

*	**	***
1. What is 10 more than 137? 147	1. What is 100 more than 1346? 1446	1. What is 1000 more than 5731? 6731
2. What is 10 less than 209? 199	2. What is 100 less than 2134? 2034	2. What is 1000 less than 11004? 10004
3. What is the value of the underlined digit in: <u>1</u> 432 = 4 hundreds	3. Round 812 to the nearest 10 and 100 = 810, 800	3. Round 6732 to the nearest 10, 100 and 1000 = 6730, 6700, 7000
4. $135+22 =$ 157	4. $735+176 =$ 911	4. $1434+573 =$ 2007
5. $256-33 =$ 223	5. $824-146 =$ 678	5. $6232-456 =$ 5776
6. $3 \times 8 =$ 32	6. $3.7 \times 100 =$ 370	6. $6.7 \times 1000 =$ 6700
7. $80 \div 10 =$ 8	7. $6300 \div 10 =$ 630	7. $7340 \div 100 =$ 73.4
8. $6 \times 4 =$ 24	8. What is XLIV in digits? 44	8. What is CXIX in digits? 119

***Answers**

1) 2 2) 2 3) 15 4) 18

1) 18 2) 35 3) 90 4) 69

1) 345 2) 128 3) 475

****Answers**

1) 3 2) 15 3) 739 4) 354

1) 92 2) 20 3) 343 4) 6169

1) $23-7=16$ or $23-16=7$

2) $121+122=143$ or $122+121=143$

3) $378-145=233$ or $378-233=145$

4) $245+287=532$ or $287+235=532$

5) $15-9=6$ AND $15-6=9$

*****Answers**

1) 82 2) 61 3) 473 4) 8754

1) 651 2) 25 3) 3491 4) 2531

1) $88-62=26$ OR $88-26=62$

2) $62+88=150$

3) $42+37=79$ or $37+42=79$

4) $332-190=142$ or $332-142=190$