

Yr 5 Addition and Subtraction Unit 1 (5573)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Mental addition and subtraction Sheet 1

Working towards ARE / Working at ARE start at question 1 and complete up to at least question 16

Greater Depth start at question 11

Day 2 Mental addition and subtraction Sheet 1

Working towards ARE

Day 2 Mental addition and subtraction Sheet 2

Working at ARE / Greater Depth

Day 3 Column addition Sheet 1

Working towards ARE start at question 1 and do as many as they can

Working at ARE / Greater Depth start at question 7

Mental addition and subtraction

Sheet 1

1. $3002 + 450$

2. $9784 - 704$

3. $4723 + 402$

4. $2538 + 2001$

5. $9826 - 803$

6. $4782 - 502$

7. $3782 + 200$

8. $3782 + 198$

9. $4658 - 100$

10. $4658 - 97$

11. $3478 + 1000$

12. $3478 + 999$

13. $5298 - 1000$

14. $5298 - 999$

15. $4578 + 321$

16. $8734 - 6031$

17. $23,472 - 2222$

18. $45,310 + 3409$

19. $8345 + 397$

20. $7935 - 298$

21. $3458 + 1997$

22. $9768 - 2995$

23. $45,237 + 3900$

24. $57,345 - 2998$

Challenge

Start with 9999. Subtract 2424. Add 1313. What pattern do you get? How many times can you do this before you reach 0?

Mental addition and subtraction

Sheet 1

1. $4580 + 205$

6. $4783 - 480$

11. $7845 - 1999$

2. $8040 + 508$

7. $8536 - 2004$

12. $3425 + 400$

3. $3452 + 2005$

8. $4563 + 2000$

13. $3425 + 399$

4. $4293 + 4300$

9. $4563 + 1999$

14. $7845 - 200$

5. $8572 - 502$

10. $7845 - 2000$

15. $7845 - 199$

Challenge

Zoe thinks of a number and adds 2988. She then subtracts 1100. Her answer is 8888. What number did she start with?

Mental addition and subtraction

Sheet 2

1. $64,378 + 3001$

6. $74,874 + 2999$

2. $78,745 - 21,000$

7. $43,473 + 398$

3. $45,063 + 2300$

8. $87,532 - 29,999$

4. $78,462 - 8002$

9. $63,467 - 1998$

5. $45,364 + 19,999$

10. $54,879 - 495$

Challenge

Mia thinks of a number and subtracts 5555. She then adds 1010. Her answer is 5454. What number did she start with?

Column addition

Sheet 1

Look down the additions.

Decide which will have the largest answer. Make a note of it.

Decide which will have the smallest answer. Make a note of it.

Now find each total. Watch out! They do not all need column addition!

1. $4678 + 2372 + 1352$

2. $5234 + 6024 + 3528$

3. $43,271 + 28,345$

4. $32,846 + 24,758$

5. $63,278 + 6831$

6. $45,734 + 9999$

7. $4583 + 45,274$

8. $8572 + 4782 + 5837$

9. $6934 + 5047 + 8739$

10. $86,489 + 76,431$

11. $92,371 + 30,004$

12. $45,273 + 23,542 + 13,258$

13. $45,624 + 57,432 + 9467$

14. $5632 + 3789 + 2745 + 3846$

Addition and subtraction

Answers

Day 1 Mental addition and subtraction Sheet 1

- $3002 + 450 = 3452$
- $9784 - 704 = 9080$
- $4723 + 402 = 5125$
- $2538 + 2001 = 4539$
- $9826 - 803 = 9023$
- $4782 - 502 = 4280$
- $3782 + 200 = 3982$
- $3782 + 198 = 3980$
- $4658 - 100 = 4558$
- $4658 - 97 = 4561$
- $3478 + 1000 = 4478$
- $3478 + 999 = 4477$
- $5298 - 1000 = 4298$
- $5298 - 999 = 4299$
- $4578 + 321 = 4899$
- $8734 - 6031 = 2703$
- $23,472 - 2222 = 21,250$
- $45,310 + 3409 = 48,719$
- $8345 + 397 = 8742$
- $7935 - 298 = 7637$
- $3458 + 1997 = 5455$
- $9768 - 2995 = 6773$
- $45,237 + 3900 = 49,137$
- $57,345 - 2998 = 54,347$

Challenge

When subtracting 2424 and adding 1313, you are in fact subtracting 1111 each time. You can do this nine times, before you reach 0.

Day 2 Mental addition and subtraction Sheet 1

- $4580 + 205 = 4785$
- $4783 - 480 = 4303$
- $7845 - 1999 = 5846$
- $8040 + 508 = 8548$
- $8536 - 2004 = 6532$
- $3425 + 400 = 3825$
- $3452 + 2005 = 5457$
- $4563 + 2000 = 6563$
- $3425 + 399 = 3824$
- $4293 + 4300 = 8593$
- $4563 + 1999 = 6562$
- $7845 - 200 = 7645$
- $8572 - 502 = 8070$
- $7845 - 2000 = 5845$
- $7845 - 199 = 7646$

Challenge

Zoe started with 7000.

Addition and subtraction

Answers

Day 2 Mental addition and subtraction Sheet 2

1. $64,378 + 3001 = 67,379$

6. $74,874 + 2999 = 77,873$

2. $78,745 - 21,000 = 57,745$

7. $43,473 + 398 = 43,871$

3. $45,063 + 2300 = 47,363$

8. $87,532 - 29,999 = 57,533$

4. $78,462 - 8002 = 70,460$

9. $63,467 - 1998 = 61,469$

5. $45,364 + 19,999 = 65,363$

10. $54,879 - 495 = 54,384$

Challenge

Mia started with 9999.

Day 3 Column addition Sheet 1

1. $4678 + 2372 + 1352 = 8402$

2. $5234 + 6024 + 3528 = 14,786$

3. $43,271 + 28,345 = 71,616$

4. $32,846 + 24,758 = 57,604$

5. $63,278 + 6831 = 70,109$

6. $45,734 + 9999 = 55,733$

7. $4583 + 45,274 = 49,857$

8. $8572 + 4782 + 5837 = 19,191$

9. $6934 + 5047 + 8739 = 20,720$

10. $86,489 + 76,431 = 162,920$

11. $92,371 + 30,004 = 122,375$

12. $45,273 + 23,542 + 13,258 = 82,073$

13. $45,624 + 57,432 + 9467 = 112,523$

14. $5632 + 3789 + 2745 + 3846 = 16,012$