

Worksheet 1: Split Numbers into Hundreds, Tens, Ones

Name: _____ Date: _____

Fill in the hundreds, tens, and ones for each number.

Number	Hundreds (100s)	Tens (10s)	Ones (1s)
321			
214			
453			
162			
531			
240			
372			
401			
560			
213			

Worksheet 2: Addition Using Place Value Models

Name: _____ Date: _____

Split the numbers and fill in the totals using hundreds, tens, ones. **NO CARRYING** needed!

Number 1	Number 2	Hundreds	Tens	Ones	Total
321	142				
214	123				
453	132				
162	301				
531	204				
240	312				
372	123				
401	132				
560	214				
213	142				
320	241				
412	103				
150	224				
302	131				
431	102				

Worksheet 3: Subtraction Using Place Value Models

Name: _____ Date: _____

Fill in the hundreds, tens, ones and total after subtraction. **NO BORROWING** needed!

Number	Subtract	Hundreds	Tens	Ones	Answer
589	321				
476	142				
688	453				
597	162				
879	531				
795	240				
699	372				
876	401				
899	560				
578	213				
786	320				
968	412				
599	150				
867	302				
978	431				

Worksheet 4: Word Problems Using Place Value

Name: _____ Date: _____

Solve each place value blocks. Show your work!

1. A box has 321 candies, and a second box has 142 candies. How many candies are there in total?
 2. Tom has 214 pencils and buys 123 more. How many pencils does he have now?
 3. Sarah read 453 pages and then 132 more pages. How many pages did she read altogether?
 4. A farmer has 589 sheep and sells 321 sheep. How many sheep are left?
 5. There are 476 apples, and 142 are eaten. How many apples are left?
 6. Ben has 688 marbles and gives 453 to Mia. How many marbles does Ben have now?
 7. Lucy has 162 stickers and buys 301 more. How many stickers does she have in total?
 8. Jack collected 531 shells and adds 204 more. How many shells does he have altogether?
 9. Emma has 597 balloons and 162 pop. How many balloons remain?
 10. A car travelled 240 km and then 312 km more. What is the total distance travelled?
 11. There are 879 books on a shelf and 531 are sold. How many books remain?
 12. There are 795 oranges in a basket and 240 are eaten. How many are left?
 13. A shop sold 372 toys in the morning and 123 in the afternoon. How many toys were sold in total?
 14. A library has 401 books and buys 132 more. How many books are there now?
 15. A baker made 876 cupcakes and sold 401. How many cupcakes are left?
-

Worksheet 5: Mixed Practice

Name: _____ Date: _____

Solve using place value. Remember: **NO** carrying or borrowing in these problems!

Number 1	Number 2	Operation	Hundreds	Tens	Ones	Total
321	142	+				
589	321	-				
214	123	+				
476	142	-				
453	132	+				
688	453	-				
162	301	+				
597	162	-				
531	204	+				
879	531	-				
240	312	+				
795	240	-				
372	123	+				
699	372	-				
401	132	+				

Worksheet 6: Challenge Problems

Name: _____ Date: _____

Solve all problems using place value blocks. Draw the diagrams if needed.

1. $321 + 142 =$
 2. $589 - 321 =$
 3. $214 + 123 =$
 4. $476 - 142 =$
 5. $453 + 132 =$
 6. $688 - 453 =$
 7. $162 + 301 =$
 8. $597 - 162 =$
 9. $531 + 204 =$
 10. $879 - 531 =$
 11. $240 + 312 =$
 12. $795 - 240 =$
 13. $372 + 123 =$
 14. $699 - 372 =$
 15. $401 + 132 =$
 16. $876 - 401 =$
 17. $560 + 214 =$
 18. $899 - 560 =$
 19. $213 + 142 =$
 20. $578 - 213 =$
 21. $320 + 241 =$
 22. $786 - 320 =$
 23. $412 + 103 =$
 24. $968 - 412 =$
 25. $150 + 224 =$
-

COMPLETE ANSWER SHEET

Worksheet 1 Answers: Split Numbers

Number	Hundreds	Tens	Ones
321	3	2	1
214	2	1	4
453	4	5	3
162	1	6	2
531	5	3	1
240	2	4	0
372	3	7	2
401	4	0	1
560	5	6	0
213	2	1	3

Worksheet 2 Answers: Addition

Number 1	Number 2	Hundreds	Tens	Ones	Total
321	142	4	6	3	463
214	123	3	3	7	337
453	132	5	8	5	585
162	301	4	6	3	463
531	204	7	3	5	735
240	312	5	5	2	552
372	123	4	9	5	495
401	132	5	3	3	533
560	214	7	7	4	774
213	142	3	5	5	355
320	241	5	6	1	561
412	103	5	1	5	515
150	224	3	7	4	374
302	131	4	3	3	433

431	102	5	3	3	533
-----	-----	---	---	---	-----

Worksheet 3 Answers: Subtraction

Number	Subtract	Hundreds	Tens	Ones	Answer
589	321	2	6	8	268
476	142	3	3	4	334
688	453	2	3	5	235
597	162	4	3	5	435
879	531	3	4	8	348
795	240	5	5	5	555
699	372	3	2	7	327
876	401	4	7	5	475
899	560	3	3	9	339
578	213	3	6	5	365
786	320	4	6	6	466
968	412	5	5	6	556
599	150	4	4	9	449
867	302	5	6	5	565
978	431	5	4	7	547

Worksheet 4 Answers: Word Problems

1. $321 + 142 = 463$ candies
2. $214 + 123 = 337$ pencils
3. $453 + 132 = 585$ pages
4. $589 - 321 = 268$ sheep
5. $476 - 142 = 334$ apples
6. $688 - 453 = 235$ marbles
7. $162 + 301 = 463$ stickers
8. $531 + 204 = 735$ shells
9. $597 - 162 = 435$ balloons
10. $240 + 312 = 552$ km
11. $879 - 531 = 348$ books

12. $795 - 240 = 555$ oranges

13. $372 + 123 = 495$ toys

14. $401 + 132 = 533$ books

15. $876 - 401 = 475$ cupcakes

Worksheet 5 Answers: Mixed Practice

Num 1	Num 2	Op	Hundreds	Tens	Ones	Total
321	142	+	4	6	3	463
589	321	-	2	6	8	268
214	123	+	3	3	7	337
476	142	-	3	3	4	334
453	132	+	5	8	5	585
688	453	-	2	3	5	235
162	301	+	4	6	3	463
597	162	-	4	3	5	435
531	204	+	7	3	5	735
879	531	-	3	4	8	348
240	312	+	5	5	2	552
795	240	-	5	5	5	555
372	123	+	4	9	5	495
699	372	-	3	2	7	327
401	132	+	5	3	3	533

Worksheet 6 Answers: Challenge Problems

1. $321 + 142 = 463$

2. $589 - 321 = 268$

3. $214 + 123 = 337$

4. $476 - 142 = 334$

5. $453 + 132 = 585$

6. $688 - 453 = 235$

7. $162 + 301 = 463$

8. $597 - 162 = 435$

9. $531 + 204 = 735$

10. $879 - 531 = 348$

11. $240 + 312 = 552$

12. $795 - 240 = 555$

13. $372 + 123 = 495$

14. $699 - 372 = 327$

15. $401 + 132 = 533$

16. $876 - 401 = 475$

17. $560 + 214 = 774$

18. $899 - 560 = 339$

19. $213 + 142 = 355$

20. $578 - 213 = 365$

21. $320 + 241 = 561$

22. $786 - 320 = 466$

23. $412 + 103 = 515$

24. $968 - 412 = 556$

25. $150 + 224 = 374$

Notes

Key Features of These Worksheets:

- All addition problems ensure that when digits in each place value column are added, they do not exceed 9 (no regrouping/carrying required)
- All subtraction problems ensure each digit in the minuend is greater than or equal to the corresponding digit in the subtrahend (no borrowing/regrouping required)
- Problems progress from basic place value identification to application in word problems
- Students can use place value blocks, base-10 blocks, or MAB blocks to model problems
- Answer sheet includes complete solutions with place value breakdowns

Australian Curriculum Alignment:

These worksheets support Year 3 content descriptors related to place value, addition, and subtraction strategies using the hundreds, tens, and ones structure.
