## Addition and Subtraction

By Bill Davidson

Three Addends to Cross 10
Add by making 10 with 2 and 5 as addends Add by making 10 with 3 and 4 as addends Add by making 10 with 6 as an addend Add by making 10 with 7 as an addend Add by making 10 with 8 as an addend
Add by making 10 with 9 as an addend
Add 3 single-digit numbers by making 10
Add 3 single-digit numbers by making 10 (2)
Add 3 single-digit numbers by making 10 (3)

## Addition Crossing 10 within 20

2 and 5 as addends
2 and 5 as addends (2)
3 and 4 as addends
3 and 4 as addends (2)
6 as an addend
6 as an addend (2)
7 as an addend
7 as an addend (2)
8 as an addend
8 as an addend (2)
9 as an addend
9 as an addend (2)
Commutative Property of Addition within 20
Add crossing 10 within 20
Equivalent number sentences

## Subtraction Crossing 10 within 20

2,3 , and 4 as subtrahends
2,3 , and 4 as subtrahends (2)
5 as a subtrahend
5 as a subtrahend (2)
6 as a subtrahend
6 as a subtrahend (2)
7 as a subtrahend
7 as a subtrahend (2)
8 as a subtrahend
8 as a subtrahend (2)
9 as a subtrahend

| Standard(s) | Pages |
| :--- | :---: |
| 1.OA.6, 2.OA.2 | $1-2$ |
| 1.OA.6, 2.OA.2 | $3-4$ |
| 1.OA.6, 2.OA.2 | $5-6$ |
| 1.OA.6, 2.OA.2 | $7-8$ |
| 1.OA.6, 2.OA.2 | $9-10$ |
| 1.OA.6, 2.OA.2 | $11-12$ |
| 1.OA.6 | $13-14$ |
| 1.OA.6 | $15-16$ |
| 1.OA.6 | $17-18$ |
| Standard(s) | Pages |
| 1.OA.6, 2.OA.2 | $19-20$ |
| 1.OA.6, 2.OA.2 | $21-22$ |
| 1.OA.6, 2.OA.2 | $23-24$ |
| 1.OA.6, 2.OA.2 | $25-26$ |
| 1.OA.6, 2.OA.2 | $27-28$ |
| 1.OA.6, 2.OA.2 | $29-30$ |
| 1.OA.6, 2.OA.2 | $31-32$ |
| 1.OA.6, 2.OA.2 | $33-34$ |
| 1.OA.6, 2.OA.2 | $35-36$ |
| 1.OA.6, 2.OA.2 | $37-38$ |
| 1.OA.6, 2.OA.2 | $39-40$ |
| 1.OA.6, 2.OA.2 | $41-42$ |
| 1.OA.6 | $43-44$ |
| 1.OA.6, 2.OA.2 | $45-46$ |
| 1.OA.6, 2.OA.2 | $47-48$ |
| Standard(s) | Pages |
| 1.OA.6, 2.OA.2 | $49-50$ |
| 1.OA.6, 2.OA.2 | $51-52$ |
| 1.OA.6, 2.OA.2 | $53-54$ |
| 1.OA.6, 2.OA.2 | $55-56$ |
| 1.OA.6, 2.OA.2 | $57-58$ |
| 1.OA.6, 2.OA.2 | $59-60$ |
| 1.OA.6, 2.OA.2 | $61-62$ |
| 1.OA.6, 2.OA.2 | $63-64$ |
| 1.OA.6, 2.OA.2 | $65-66$ |
| 1.OA.6, 2.OA.2 | $67-68$ |
| 1.OA.6, 2.OA.2 | $69-70$ |
| 19 |  |

9 as a subtrahend (2)
Subtract crossing 10 within 20
Equivalent number sentences (2)
Add and subtract crossing 10 within 20

## Addition within 40

Add multiples of 10 within 40
Add without crossing the 10 within 40
Add crossing the 10 within 40
Add 2-digit numbers and 1-digit numbers within 40
Add 2-digit numbers within 40 without renaming
Add 2-digit numbers within 40 with renaming
Add 2-digit numbers within 40
Add within 40

## Addition Crossing the 10 within 100

2,3 , and 4 as addends
5 as an addend
6 as an addend (3)
7 as an addend (3)
8 as an addend (3)
9 as an addend (3)
Add within 100 by making the next 10
Add 2-digit numbers making and crossing the 10
Add crossing the 10 within 100
Add 1 more or 1 less than a multiple of 10 within 100
Add 2-digit numbers within 100

## Subtraction Crossing the 10 within 100

Subtract within 100 taking from the 10
2,3 , and 4 as subtrahends (3)
5 as a subtrahend (3)
6 as a subtrahend (3)
7 as a subtrahend (3)
8 as a subtrahend (3)
9 as a subtrahend (3)
Subtract 1 more or 1 less than a multiple of 10
Subtract neighboring ones digits within 100
Subtract crossing the 10 within 100
Add and subtract crossing the 10 within 100

## Addition without Renaming

Add within 20 without crossing 10
Add multiples of 10 to multiples of 10 within 100
Add multiples of 10 within 100

| 1.OA.6, 2.OA.2 | $71-72$ |
| :--- | :---: |
| 1.OA.6, 2.OA.2 | $73-74$ |
| 1.OA.6, 2.OA.2 | $75-76$ |
| 1.OA.6, 2.OA.2 | $77-78$ |
| Standard(s) | Pages |
| 1.NBT.4, 2.NBT.5 | $79-80$ |
| 1.NBT.4, 2.NBT.5 | $81-82$ |
| 1.NBT.4, 2.NBT.5 | $83-84$ |
| 1.NBT.4, 2.NBT.5 | $85-86$ |
| 1.NBT.4, 2.NBT.5 | $87-88$ |
| 1.NBT.4, 2.NBT.5 | $89-90$ |
| 1.NBT.4, 2.NBT.5 | $91-92$ |
| 1.NBT.4, 2.NBT.5 | $93-94$ |

## Standard(s) Pages

2.NBT.5 95-96
2.NBT.5 97-98
2.NBT. $5 \quad 99-100$
2.NBT.5 101-102
2.NBT.5 103-104
2.NBT.5 105-106
2.NBT.5 107-108
1.NBT.4, 2.NBT.5 $109-110$
2.NBT.5 111-112
2.NBT.5 113-114
1.NBT.4, 2.NBT.5 115-116

Standard(s) Pages
2.NBT.5 $117-118$
2.NBT.5 119-120
2.NBT.5 121-122
2.NBT.5 123-124
2.NBT.5 125-126
2.NBT.5 127-128
2.NBT.5 129-130
2.NBT.5 131-132
2.OA.1, 2.NBT.5 133-134
2.NBT.5 135-136
2.NBT.5 137-138

| Standard(s) | Pages |
| :--- | :--- |
| 2.OA.2 | $139-140$ |
| 1.NBT.4, 2.NBT.5 | $141-142$ |
| 1.NBT.4, 2.NBT.5 | $143-144$ |

Add within 100 without crossing the 10
Add 2-digit numbers within 100 without renaming
Add 2-digit numbers within 100 without renaming (2)
Add within 200 without renaming
Add multiples of 10 to 2-digit numbers within 100
Add multiples of 10 within 200
Add 10 and 100 to a 3-digit number
Add multiples of 100 within 1,000
Add 3-digit numbers without renaming

## Subtraction without Renaming

Subtract within 20 without crossing 10
Subtract within 20 without crossing 10 (2)
Subtract multiples of 10 within 40
Subtract within 100 without crossing the 10
Subtract multiples of 10 from multiples of 10 within 100
Subtract multiples of 10 from 2-digit numbers
Subtract 2-digits from 2-digits without renaming
Subtract without renaming within 200
Subtract 10 and 100 from 3-digit numbers
Subtract multiples of 10 within 1,000
Subtract multiples of 100 within 1,000
Subtract 3-digit numbers without renaming

## Addition and Subtraction without Renaming

Add and subtract within 20 without crossing 10
True and false number sentences within 20
Add and subtract multiples of 10 within 40
Add and subtract within 100 without crossing the 10
Add and subtract multiples of 10 within 100
Add and subtract multiples of 10 within 100 (2)
Add and subtract 2-digit numbers without renaming
Add and subtract within 200 without renaming
Add and subtract multiples of 100 within 1,000
Add and subtract 3-digit numbers without renaming

## Addition and Subtraction Connections

Connect missing addends to subtract 2 and 5 crossing 10
Connect missing addends to subtract 3 and 4 crossing 10
Connect missing addends to subtract 6 crossing 10
Connect missing addends to subtract 7 crossing 10
Connect missing addends to subtract 8 crossing 10
Connect missing addends to subtract 9 crossing 10
The connection of addition and subtraction
Fact families within 20

| 2.NBT.5 | $145-146$ |
| :--- | :--- |
| 1.NBT.4, 2.NBT.5 | $147-148$ |
| 2.NBT.5 | $149-150$ |
| 2.NBT.7 | $151-152$ |
| 2.NBT.5 | $153-154$ |
| 2.NBT.7 | $155-156$ |
| 2.NBT.8 | $157-158$ |
| 2.NBT.7 | $159-160$ |
| 2.NBT.7 | $161-162$ |


| Standard(s) | Pages |
| :--- | :--- |
| 1.OA.6, 2.OA.2 | $163-164$ |
| 1.OA.6, 2.OA.2 | $165-166$ |
| 1.NBT.6, 2.NBT.5 | $167-168$ |
| 2.NBT.5 | $169-170$ |
| 1.NBT.6, 2.NBT.5 | $171-172$ |
| 2.NBT.5 | $173-174$ |
| 2.NBT.5 | $175-176$ |
| 2.NBT.7 | $177-178$ |
| 2.NBT.8 | $179-180$ |
| 2.NBT.7 | $181-182$ |
| 2.NBT.7 | $183-184$ |
| 2.NBT.7 | $185-186$ |


| Standard(s) | Pages |
| :--- | :--- |
| 1.OA.6, 2.OA.2 | $187-188$ |
| 2.OA.2 | $189-190$ |
| 1.NBT.4, 1.NBT.5 | $191-192$ |
| 2.NBT.5 | $193-194$ |
| 2.NBT.5 | $195-196$ |
| 2.NBT.5 | $197-198$ |
| 2.NBT.5 | $199-200$ |
| 2.NBT.7 | $201-202$ |
| 2.NBT.7 | $203-204$ |
| 2.NBT.7 | $205-206$ |


| Standard(s) | Pages |
| :--- | :--- |
| 1.OA.8, 2.OA.2 | $207-208$ |
| 1.OA.8, 2.OA.2 | $209-210$ |
| 1.OA.8, 2.OA.2 | $211-212$ |
| 1.OA.8, 2.OA.2 | $213-214$ |
| 1.OA.8, 2.OA.2 | $215-216$ |
| 1.OA.8, 2.OA.2 | $217-218$ |
| 6.EE.3 | $219-220$ |
| 2.OA.2 | $221-222$ |

Even and Odd ValuesEven and odd numbersEven and odd numbers (2)Even and odd sums
Addition with Numbers Greater than 100
Add by making the next 10
Add multiples of 10 and 100 within 1,000
Add multiples of 10 by making 100
Add 3-digit numbers to 99, 98, and 95Add 3-digit numbers in the 90s
Subtraction with Numbers Greater than 100
Subtract single-digit numbers from 3-digit multiples of 10
Subtract multiples of 10 from multiples of 10 within 200
Subtract multiples of 10 within 200
Subtract neighboring tens and ones digits within 200
Subtract 3-digit multiples of 10 within 1,000Subtract multiples of 10 and 100 within 1,000Subtract 99, 98, and 95 from 3-digit numbersSubtract 3-digit numbers with 99,98 , and 95 as ending digitsSubtract 1 or 2 more or less than a multiple of 10 within 1000

Standard(s) Pages
2.OA. $3 \quad 223-224$
2.OA. 3

225-226
6.NS. 4

227-228
Standard(s) Pages
2.NBT. 6

229-230
2.NBT. 7 231-232
2.NBT.7 233-234
2.NBT. $7 \quad 235-236$
2.NBT. 7

237-238
Standard(s) Pages
2.NBT. 7 239-240
2.NBT. 7 241-242
2.NBT. $7 \quad 243-244$
2.NBT. 7 245-246
2.NBT. 7 247-248
2.NBT. $7 \quad 249-250$
2.NBT. $7 \quad 251-252$
2.NBT. 7 253-254
2.NBT.7 255-256

