Addition and Subtraction
Green

Complete the equations by using < or >.

5 + 3 ☐ 4 + 3

5 + 2 ☐ 6 + 2
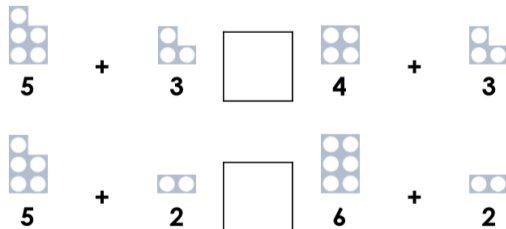
Complete A. Use your answers to complete B.

A.

3	+	4	=	
8	+	1	=	
6	+	2	=	
5	+	4	=	
2	+	4	=	

B.

3	0	+	4	0	=		
8	0	+	1	0	=		
6	0	+	2	0	=		
5	0	+	4	0	=		
2	0	+	4	0	=		

Use the clues to crack the alien's code.

A. ⋀ = ☐   B. ⌂ = ☐   C. ⬇ = ☐   D. ⚡ = ☐

Ravi and Sara are comparing the number of sweets they have.
Is Sara correct? Explain why.

Ravi: I had a bag of 49 sweets. I have eaten 8 sweets.

Sara: I had a bag of 47 sweets. I have eaten 5 sweets. We will both have the same number left.

Class 2F are completing the calculation below.

Chen says, I think the answer is 78.

Bea says, I think the answer 87.

Who is correct? Prove it.

Tens	Ones

Complete the calculations by crossing out the Base 10 needed in order to work out the answers below.

49 − 17 = ☐

Tens	Ones

B.

58 − 36 = ☐

Tens	Ones

Ali and Lacey are making number bonds to 100.
Are Ali and Lacey correct?

Ali: My number is 40 so I need option A.

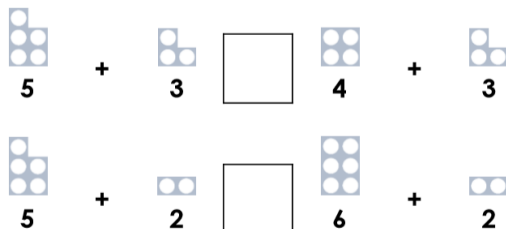Lacey: My number is 35 so I need option D.

A.   B.   C.   D.

Complete the key:

Shape	▲	●	■	⬠
Value				

A. ▲ + ⬠ + ● =

B. ⬠ + ■ + ■ =

C. ● + ■ + ■ =

D. ▲ + ▲ + ⬠ =

Addition and Subtraction
Green

> , <

5 + 3 ☐ 4 + 3

5 + 2 ☐ 6 + 2

A: 7, 9, 8, 9, 6
B. 70, 90, 80, 90, 60

A.

3	+	4	=	
8	+	1	=	
6	+	2	=	
5	+	4	=	
2	+	4	=	

B.

3	0	+	4	0	=		
8	0	+	1	0	=		
6	0	+	2	0	=		
5	0	+	4	0	=		
2	0	+	4	0	=		

A = 20; B = 30; C = 40; D = 10

A. A = ☐ B. ☐ = ☐ C. ☐ = ☐ D. ☐ = ☐

Sara is incorrect. Sara has 42 sweets and Ravi has 41 sweets. Sara has also crossed out six ones instead of five.

Ravi: I had a bag of 49 sweets. I have eaten 8 sweets.

Sara: I had a bag of 47 sweets. I have eaten 5 sweets. We will both have the same number left.
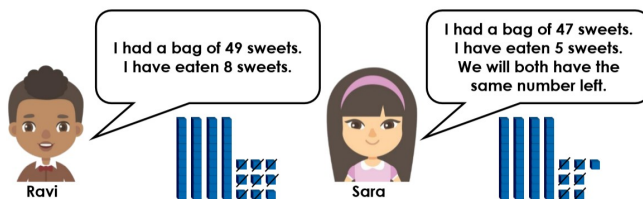
Chen is correct because 46 + 32 = 78

Chen says, I think the answer is 78.

Bea says, I think the answer 87.

Who is correct? Prove it.

Tens	Ones
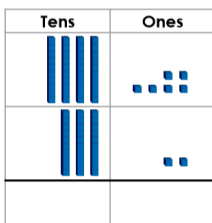
A = 32; 1 ten and 7 ones crossed out on the chart. B = 22; 3 tens and 6 ones crossed out on the chart.

49 – 17 = ☐

Tens	Ones

B.

58 – 36 = ☐

Tens	Ones
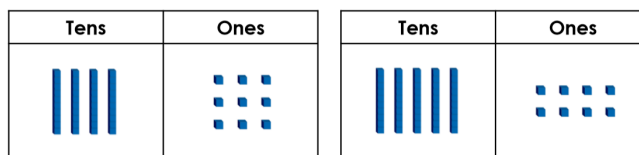
Ali is correct. Lacey is incorrect because she needs option C.

Ali: My number is 40 so I need option A.

Lacey: My number is 35 so I need option D.

A. B. C. D.
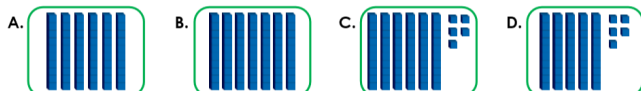
Square = 5, Pentagon = 8

Shape	△	●	☐	⬠
Value				

A. △ + ⬠ + ● =

B. ⬠ + ☐ + ☐ =

C. ● + ☐ + ☐ =

D. △ + △ + ⬠ =
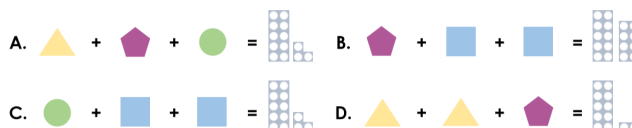
Addition and Subtraction
Yellow

Complete the equations by using
< or > or =

12 + 4 ☐ 11 + 5

19 - 4 ☐ 20 - 4

9 + 4 ☐ 8 + 4

14 - 7 ☐ 15 - 8

Complete A. Use your answers to complete B.

A.

3	+	4	=	
8	-	5	=	
6	+	2	=	
9	-	5	=	
6	-	4	=	

B.

3	0	+	4	0	=	
8	0	-	5	0	=	
6	0	+	2	0	=	
9	0	-	5	0	=	
6	0	-	4	0	=	

Use the clues to crack the alien's code.

A. ☒ = ☐   B. ☒ = ☐   C. ☒ = ☐   D. ☒ = ☐

⊕ + ⊕ = 80   ☒ + ☒ = 90

⊕ - ☒ = 10   ☒ - ☒ = 40

Nate and Harriet are comparing the number of sweets they have.
Is Harriet correct? Explain why

Nate: I had a bag of 44 sweets. I have eaten 8 sweets. Later, I will eat another 7 sweets.

Harriet: I had a bag of 37 sweets. I have eaten 9 sweets. I will have more sweets left than you.
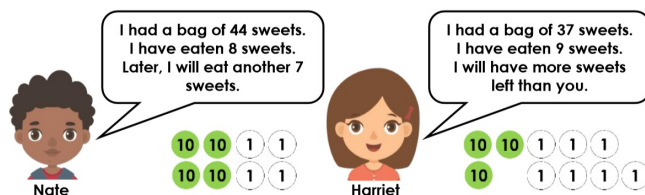
Class 2B are completing the calculation below.

Ken says, I think the answer will have 5 tens and 6 ones.

Rosie says, I think the answer will have 6 tens and 5 ones.

Who is correct? Prove it.

Tens	Ones
○○○	○○
○○	○○○○

+
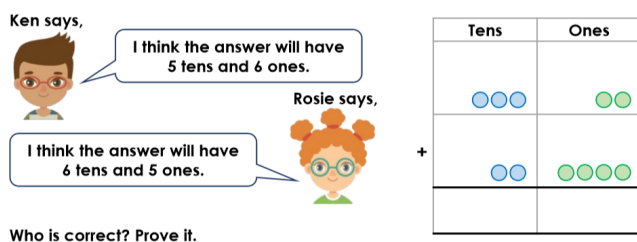
Complete the calculations by crossing out the place value counters needed in order to work out the answers below.

A.

89 - 19 = ☐

Tens	Ones
10 10 10 10	1 1 1 1
10 10 10 10	1 1 1 1
	1

B.

76 - 25 = ☐

| Tens | Ones |
| 10 10 10 10 | 1 1 1 1 |
| 10 10 10 | 1 1 |
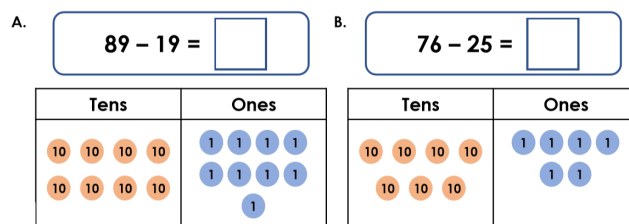
Josh and Marie are making number bonds to 100.
Are Josh and Marie correct?

Josh: My number has seven tens and six ones so I need option C.

Marie: My number is thirty-two so I need option B.

A. [place value blocks]   B. 78   C. twenty-four   D. eight tens and nine ones

---

Complete the key:

| Shape | △ | ● | ■ | ⬠ |
| Value | 3 | | | |

A. ■ + ■ + ● = 14   B. ● + ⬠ + ■ = 15

C. ● + ■ + ● = 13   D. ■ + △ + △ = 11

Addition and Subtraction
Yellow

=, <, >, =

12 + 4 ☐ 11 + 5

19 − 4 ☐ 20 − 4

9 + 4 ☐ 8 + 4

14 − 7 ☐ 15 − 8

A: 7, 3, 8, 4, 2
B: 70, 30, 80, 40, 2

A.

3 + 4 = ☐
8 − 5 = ☐
6 + 2 = ☐
9 − 5 = ☐
6 − 4 = ☐

B.

3 0 + 4 0 = ☐
8 0 − 5 0 = ☐
6 0 + 2 0 = ☐
9 0 − 5 0 = ☐
6 0 − 4 0 = ☐

A = 60 ; B = 30 ; C = 40 ; D = 20

A. ☐ = ☐   B. ☐ = ☐   C. ☐ = ☐   D. ☐ = ☐

⊕ + ⊕ = 80   + = 90

⊕ − = 10   − = 40

Harriet is incorrect. She will have 28 sweets left and Nate has 29 sweets.

I had a bag of 44 sweets. I have eaten 8 sweets. Later, I will eat another 7 sweets.

Nate

I had a bag of 37 sweets. I have eaten 9 sweets. I will have more sweets left than you.

Harriet

Ken is correct because 32 + 24 = 56

Ken says, I think the answer will have 5 tens and 6 ones.

Rosie says, I think the answer will have 6 tens and 5 ones.

Who is correct? Prove it.

Tens	Ones
○○○	○○
+	
○○	○○○○

A = 70; 1 ten and 9 ones crossed out on the chart. B = 51; 2 tens and 5 ones crossed out on the chart.

A. 89 − 19 = ☐

Tens	Ones
10 10 10 10	1 1 1 1
10 10 10 10	1 1 1 1
	1

B. 76 − 25 = ☐

Tens	Ones
10 10 10 10	1 1 1 1
10 10 10	1 1

Josh is correct. Marie is incorrect because she needs option A.

Josh: My number has seven tens and six ones so I need option C.

Marie: My number is thirty-two so I need option B.

A. [base ten blocks]   B. 78   C. twenty-four   D. eight tens and nine ones

---

Circle = 4, Square = 5 , Pentagon = 6

Shape	△	○	■	⬠
Value	3			

A. ■ + ■ + ○ = ☐ 14

B. ○ + ⬠ + ■ = ☐ 15

C. ○ + ■ + ○ = ☐ 13

D. ■ + △ + △ = ☐ 11

Addition and Subtraction
Red

Complete the equations by using < or > or =

1 ten and 7 ones	+	3 ones	☐	10	+	9 ones
1 ten and 1 one	–	4 ones	☐	1 ten and 5 ones	–	8
20	–	9 ones	☐	5 ones	+	7 ones
8 ones	+	5 ones	☐	9	+	4 ones

Complete A. Use your answers to complete B.

A.

3	+	4	=	
9	–	5	=	
6	+	3	=	
8	–	5	=	
7	–	2	=	

B.

3	3	+	4	4	=	
9	9	–	5	5	=	
6	6	+	3	3	=	
8	8	–	5	5	=	
7	7	–	2	2	=	

Use the clues to crack the alien's code.

A. 🛸 = ☐   B. 🎋 = ☐   C. ≩ = ☐   D. 🔲 = ☐

🎋 – 🛸 – 🔲 = 45

🔲 + 🔲 + 🔲 = 60

🛸 + 🛸 – 🔲 = 50

🎋 – 🛸 – ≩ = 15

Leon and Ania are comparing the number of sweets they have.
Who has the most sweets left – Leon or Ania? Explain how you know.

Leon: I had a bag of forty-two sweets. I have eaten nine sweets. My friend has eaten six sweets.

Ania: I had forty-seven sweets. I dropped eight sweets and have eaten nine.

Class 2E are completing the calculation below.

seven tens and two ones + two tens and five ones

Lee says, I think the answer will have seven tens and nine ones.

Mia says, I think the answer will have nine tens and seven ones.

Who is correct? Prove it.

Complete the calculations by filling in the missing values in the sentences below.

A.

$67 - 43 =$ ☐

__ ones subtract __ ones is __ ones.

__ tens subtract __ tens is __ tens.

B.

$94 - 62 =$ ☐

__ ones subtract __ ones is __ ones.

__ tens subtract __ tens is __ tens.

Scarlet and Adam are making number bonds to 100.

Are Scarlet and Adam correct?

Scarlet: My number has six tens and two ones so I need option B.

Adam: My number has eight tens and six ones so I need option D.

A. three tens and eight ones

B. forty-eight

C. sixteen

D. one ten and four ones

Complete the key:

Shape	🔺	🟢	🟦	⬟
Value				three

A. 🔺 + 🟢 + ⬟ = 18   B. 🟢 + 🟦 + 🟢 = 19

C. ⬟ + 🟦 + 🟦 = 17   D. 🔺 + ⬟ + 🔺 = 21

> , =, <, =

1 ten and 7 ones	+	3 ones	☐	10	+	9 ones
1 ten and 1 one	–	4 ones	☐	1 ten and 5 ones	–	8
20	–	9 ones	☐	5 ones	+	7 ones
8 ones	+	5 ones	☐	9	+	4 ones

**A: 7, 4, 9, 3, 5
B: 77, 44, 99, 33, 55**

A.

3	+	4	=	
9	–	5	=	
6	+	3	=	
8	–	5	=	
7	–	2	=	

B.

3	3	+	4	4	=		
9	9	–	5	5	=		
6	6	+	3	3	=		
8	8	–	5	5	=		
7	7	–	2	2	=		

A = 35; B = 100; C = 50; D = 20

A. 🪕 = ☐   B. 🎋 = ☐   C. ≠ = ☐   D. ◹ = ☐

🎋 – 🪕 – ◹ = 45

◹ + ◹ + ◹ = 60

🪕 + 🪕 – ◹ = 50

🎋 – 🪕 – ≠ = 15

Ania has the most sweets (30); Leon has 27.

Leon: I had a bag of forty-two sweets. I have eaten nine sweets. My friend has eaten six sweets.

Ania: I had forty-seven sweets. I dropped eight sweets and have eaten nine.

Mia is correct because 72 + 25 = 97

seven tens and two ones + two tens and five ones

Lee says, I think the answer will have seven tens and nine ones.

Mia says, I think the answer will have nine tens and seven ones.

Who is correct? Prove it.

A = 24; 7 ones subtract 3 ones is 4 ones. 6 tens subtract 4 tens is 2 tens. B = 32; 4 ones subtract 2 ones is 2 ones. 9 tens subtract 6 tens is 3 tens.

A.

67 – 43 = ☐

__ ones subtract __ ones is __ ones.

__ tens subtract __ tens is __ tens.

B.

94 – 62 = ☐

__ ones subtract __ ones is __ ones.

__ tens subtract __ tens is __ tens.

Scarlet is incorrect because she needs option A. Adam is correct.

Scarlet: My number has six tens and two ones so I need option B.

Adam: My number has eight tens and six ones so I need option D.

A. three tens and eight ones
B. forty-eight
C. sixteen
D. one ten and four ones

Triangle = 9, Circle = 6, Square = 7

| Shape | ▲ | ● | ■ | ⬠ |
| Value | | | | three |

A. ▲ + ● + ⬠ = 18   B. ● + ■ + ● = 19

C. ⬠ + ■ + ■ = 17   D. ▲ + ⬠ + ▲ = 21