Reasoning and Problem Solving
Step 10: Subtract 1 Digit from 2 Digits

National Curriculum Objectives:

Mathematics Year 2: (2C2b) Add and subtract numbers using concrete objects and pictorial representations, including: a two-digit number and ones
Mathematics Year 2: (2C4) Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods

Differentiation:

Questions 1, 4 and 7 (Problem Solving)
Developing Use the equipment and digit cards to create 3 calculations subtracting a 1-digit number from a 2-digit number with no exchanging. Using Base 10.
Expected Use the equipment and digit cards to create 3 calculations subtracting a 1-digit number from a 2-digit number with exchanging. Using place value counters and charts.
Greater Depth Use the digit cards to create 3 calculations subtracting a 1-digit number from a 2-digit number with exchanging. No pictorial support. Some numbers written as words.

Questions 2, 5 and 8 (Reasoning)
Developing Prove if a calculation subtracting a 1-digit number from a 2-digit number with no exchanging is correct. Using Base 10 and a number line with all numbers marked.
Expected Prove if a calculation subtracting a 1-digit number from a 2-digit number with no exchanging is correct. Using place value counters and charts, and a number line with the start and end numbers marked.
Greater Depth Prove if a calculation subtracting a 1-digit number from a 2-digit number with no exchanging is correct. Number line not provided. Some numbers written as words.

Questions 3, 6 and 9 (Reasoning)
Developing Explain which calculation subtracting a 1-digit number from a 2-digit number with no exchanging is correct. Using Base 10 and a number line with all numbers marked.
Expected Explain which calculation subtracting a 1-digit number from a 2-digit number with exchanging is correct. Using place value counters and charts, and a number line with the start and end numbers marked.
Greater Depth Explain which calculation subtracting a 1-digit number from a 2-digit number with exchanging is correct. Number line not provided. Some numbers written as words.

More Year 2 Addition and Subtraction resources.

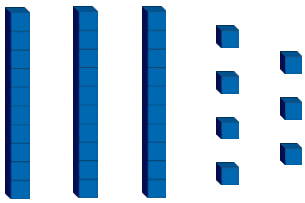
Did you like this resource? Don't forget to review it on our website.

Subtract 1 Digit from 2 Digits

Subtract 1 Digit from 2 Digits

1a. Use the Base 10 and number cards to create 3 subtractions.

4	31	33	3	6	34

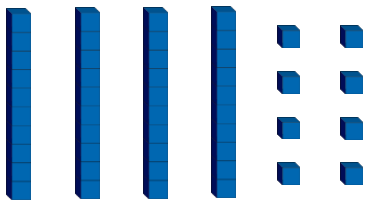


37 – ☐ = ☐

D PS

1b. Use the Base 10 and number cards to create 3 subtractions.

5	4	6	42	44	43

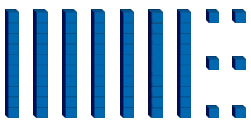


48 – ☐ = ☐

D PS

2a. Sam says,

76 – 5 = 72.



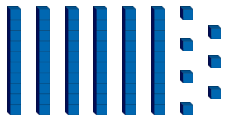
Is he correct? Use the Base 10 and number line to prove it.

66 67 68 69 70 71 72 73 74 75 76

D R

2b. Ann says,

67 – 3 = 63.



Is she correct? Use the Base 10 and number line to prove it.

57 58 59 60 61 62 63 64 65 66 67

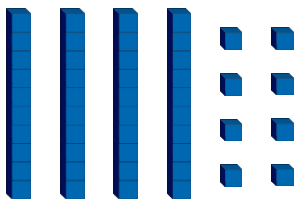
D R

3a. Use the Base 10 and number line to help you find the odd one out.

A. 48 – 6 = 42

B. 48 – 7 = 41

C. 48 – 5 = 42



38 39 40 41 42 43 44 45 46 47 48

Explain your reasoning.

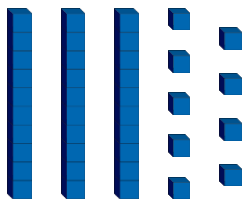
D R

3b. Use the Base 10 and number line to help you find the odd one out.

A. 39 – 8 = 32

B. 39 – 7 = 32

C. 39 – 5 = 34



29 30 31 32 33 34 35 36 37 38 39

Explain your reasoning.

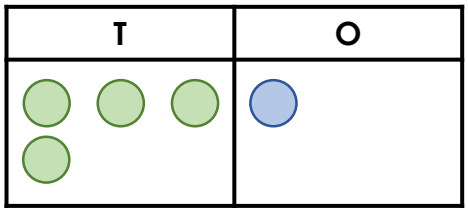
D R

Subtract 1 Digit from 2 Digits

Subtract 1 Digit from 2 Digits

4a. Use the counters and number cards to create 3 subtractions.

7	36	33	5	34	8

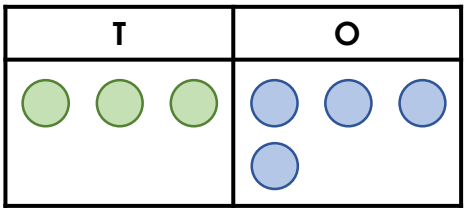


41 – ☐ = ☐

PS

4b. Use the counters and number cards to create 3 subtractions.

9	28	5	25	29	6



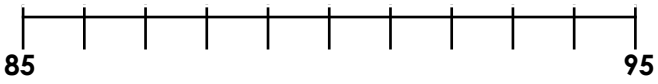
34 – ☐ = ☐

PS

5a. Logan says,

95 – 8 = 88.

Is he correct? Use the number line to prove it.

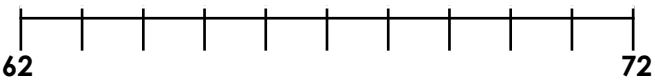


R

5b. Ella says,

72 – 8 = 66.

Is she correct? Use the number line to prove it.



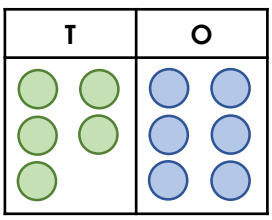
R

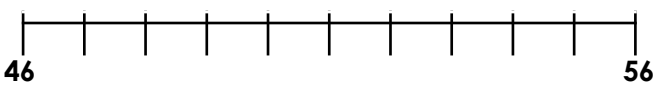
6a. Use the counters and number line to help you find the odd one out.

A. 56 – 9 = 49

B. 56 – 7 = 49

C. 56 – 8 = 48





Explain your reasoning.

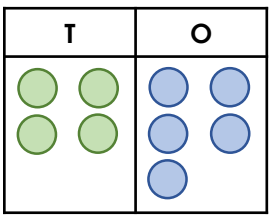
R

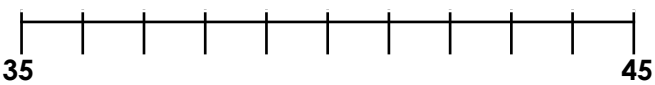
6b. Use the counters and number line to help you find the odd one out.

A. 45 – 7 = 38

B. 45 – 9 = 36

C. 45 – 6 = 36





Explain your reasoning.

R

Subtract 1 Digit from 2 Digits

7a. Use the number cards to create three subtractions.

38	six	35
nine	39	five

44 – ☐ = ☐

GD PS

Subtract 1 Digit from 2 Digits

7b. Use the number cards to create three subtractions.

43	five	46
six	47	nine

52 – ☐ = ☐

GD PS

8a. Josh says,

67 – eight = 58.

Is he correct?

Prove it.

GD R

8b. Nina says,

83 – seven = 77.

Is she correct?

Prove it.

GD R

9a. Find the odd one out.

A. 31 – seven = 24

B. 31 – four = 26

C. 31 – nine = 22

D. 31 – three = 28

Explain your reasoning.

GD R

9b. Find the odd one out.

A. 24 – five = 19

B. 24 – eight = 16

C. 24 – six = 18

D. 24 – seven = 15

Explain your reasoning.

GD R

Reasoning and Problem Solving
Subtract 1 Digit from 2 Digits

Developing

1a. 37 – 4 = 33, 37 – 3 = 34, 37 – 6 = 31

2a. Sam is not correct because when you cross out 5 ones or jump back 5 spaces on the number line you reach 71, so 76 – 5 = 71.

3a. C is the odd one out because the answer is incorrect. 48 – 5 = 43.

Expected

4a. 41 – 7 = 34, 41 – 5 = 36, 41 – 8 = 33

5a. Logan is not correct because when you jump back 8 spaces on the number line you reach the number 87, so 95 – 8 = 87.

6a. A is the odd one out because the answer is incorrect. 56 – 9 = 47.

Greater Depth

7a. 44 – six = 38, 44 – nine = 35, 44 – five = 39

8a. Josh is not correct because 67 – eight = 59. 67 – nine = 58

9a. B is the odd one out because the answer is incorrect. 31 – four = 27.

Reasoning and Problem Solving
Subtract 1 Digit from 2 Digits

Developing

1b. 48 – 5 = 43, 48 – 4 = 44, 48 – 6 = 42

2b. Ann is not correct because when you cross out 3 ones or jump back 3 spaces you reach 64, so 67 – 3 = 64.

3b. A is the odd one out because the answer is incorrect. 39 – 8 = 31.

Expected

4b. 34 – 9 = 25, 34 – 5 = 29, 34 – 6 = 28

5b. Ella is not correct because when you jump back 8 spaces on the number line you reach the number 64, so 72 – 8 = 64.

6b. C is the odd one out because the answer is incorrect. 45 – 6 = 39.

Greater Depth

7b. 52 – five = 47, 52 – six = 46, 52 – nine = 43

8b. Nina is not correct because 83 – seven = 76. 83 – six = 77

9b. D is the odd one out because the answer is incorrect. 24 – seven = 17.