Reasoning and Problem Solving
Step 4: One More One Less

National Curriculum Objectives:

Mathematics Year 1: (1N2b) Given a number, identify one more and one less
Mathematics Year 1: (1N4) Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least
Mathematics Year 1: (1N2c) Read and write numbers from 1 to 20 in numerals and words

Differentiation:

Questions 1, 4 and 7 (Reasoning)
Developing Find the one more or less statement that is incorrect. Numbers to 50 supported by ten frames and a marked number track.
Expected Find the one more or one less statement that is incorrect. Numbers to 50 in numerals only with a number track to support.
Greater Depth Find the one more and one more again or the one less, one less again statement that is incorrect. Numbers to 50 in numerals.

Questions 2, 5 and 8 (Problem Solving)
Developing Identify the odd one out when finding one more or one less. Numbers to 50 in numerals only, using ten frames and number tracks.
Expected Identify the odd one out when finding one more or one less. Numbers up to 50in numerals only, using Base 10, number pieces and a number track.
Greater Depth Identify the odd one out when finding one more and one more again or one less, one less again. Numbers up to 50 in numerals using Base 10, place value counters and number tracks.

Questions 3, 6 and 9 (Reasoning)
Developing Explain if a number track used to find one more or one less is correct. Numbers up to 50 in numerals only, with ten frames to support.
Expected Explain if a number track used to find one more or one less is correct. Numbers up to 50 in numerals only.
Greater Depth Explain if a number track used to find one more or one less is correct. Numbers up to 50 in numerals and words, with partially completed number tracks.

More Year 1 Place Value resources.

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

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One More One Less

1a. Which statement is incorrect?



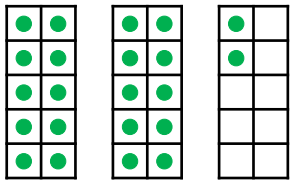
Tom

One more than 22 is 32.

One more than 22 is 23.



Aiza



20	21	22	23	24	25

D

R

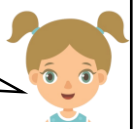
1b. Which statement is incorrect?



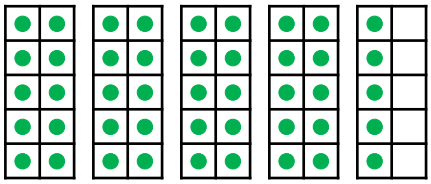
Theo

One less than 45 is 43.

One less than 45 is 44.



Erin



42	43	44	45	46	47

D

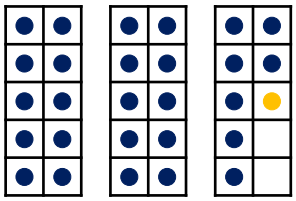
R

2a. Which is the odd one out?

A.

One more than 37 is 38.

B.



C.

33	34	35	36	37	38	39	40	41

D

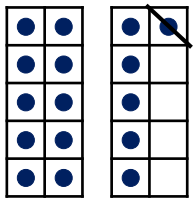
PS

2b. Which is the odd one out?

A.

One less than 16 is 15.

B.



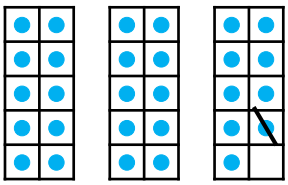
C.

13	14	15	16	17	18	19	20	21

D

PS

3a. Esme has drawn a number track to match the ten frames.



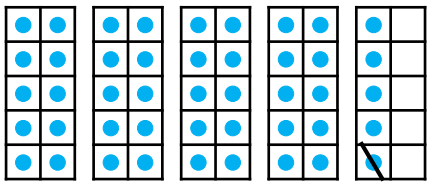
23	24	25	26	27	28	29	30	31	32

Is she correct? Explain your answer.

D

R

3b. Ben has drawn a number track to match the ten frames.



41	42	43	44	45	46	47	48	49	50

Is he correct? Explain your answer.

D

R

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One More One Less

4a. Which statement is incorrect?



Abra

One more than 44 is 43.

One less than 44 is 43.



Belle

41	42	43	44	45	46

E R

4b. Which statement is incorrect?



Luca

One less than 25 is 22.

One more than 25 is 26.



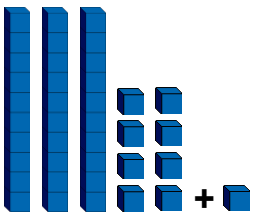
Aiza

22	23	24	25	26	27

E R

5a. Which is the odd one out?

A.



B.

One more than 34 is 35.

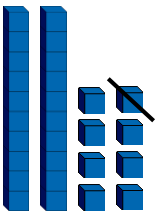
C.

31	32	33	34	35	36	37	38	39

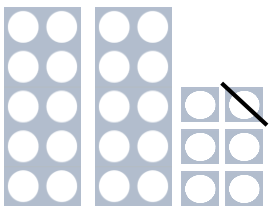
E PS

5b. Which is the odd one out?

A.



B.



C.

22	23	34	25	26	27	28	29	30

E PS

6a. Stan has drawn a number track to show one more than 39.

35	36	37	38	39	40	41	42	43	44

Is he correct? Explain your answer.

E R

6b. Emma has drawn a number track to show one less than 30.

26	27	28	29	30	31	32	33	34	35

Is she correct? Explain your answer.

E R

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One More One Less

7a. Which statement is incorrect?



Oscar

One more and one more again than 41 is 43.

One more and one more again than 41 is 45.



Tess

39	40	41	42	43	44

GD R

7b. Which statement is incorrect?



Gus

One less and one less again than 25 is 22.

One less and one less again than 25 is 23.



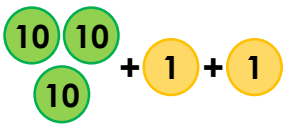
Sasha

22	23	24	25	26	27

GD R

8a. Which is the odd one out?

A.



B.

One more and one more again than 29 is 31.

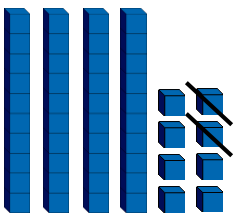
C.

26	27	28	29	30	31	32	33	34

GD PS

8b. Which is the odd one out?

A.



B.

One less than 48 is 47.

C.

41	42	43	44	45	46	47	48	49

GD PS

9a. Theo has drawn a number track to show one more than twenty-nine.

25	26			29	30		32		34

Is he correct? Explain your answer.

GD R

9b. Isla has drawn a number track to show one less than forty.

37			40	41		43	44		46

Is she correct? Explain your answer.

GD R

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Developing

1a. Tom is incorrect. He has counted 10 more than 22.

2a. B is the odd one out because it shows one more than 27. A and C show one more than 37.

3a. Esme is correct because both representations show one less than 29.

Expected

4a. Abra is incorrect. He has counted one less than 44.

5a. A is the odd one out because it shows one more than 38. B and C show one more than 34.

6a. Stan is incorrect. He has shown one less than 39.

Greater Depth

7a. Tess is incorrect. She has worked out two more and two more again.

8a. A is the odd one out because it shows one more and one more again than 30. B and C show one more and one more again than 29.

9a. Theo is incorrect. He has shown one less than 29.

Reasoning and Problem Solving
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Developing

1b. Theo is incorrect. He has counted one less and one less again.

2b. C is the odd one out because it shows one less than 20. A and B show one less than 16.

3b. Ben is incorrect. The ten frames show one less than 45. The number track shows one less than 46.

Expected

4b. Luca is incorrect. He has counted three less than 25.

5b. B is the odd one out because it shows one less than 26. A and C show one less than 28.

6b. Emma is incorrect. She has shown one less than 31.

Greater Depth

7b. Gus is incorrect. He has worked out three less than 25.

8b. B is the odd one out because it shows one less than 48. A and C show one less and one less again than 48.

9b. Isla is incorrect. She has shown one less than and one less again than 40.

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