Steady Steps Maths

FREE UNIT TEST · TOPIC 7

FREE SAMPLE · UNIT TEST A

Adding & Subtracting with Tens

Unit Test A · 40 marks · about 40 minutes

GRADE 1



Common Core 1.NBT.C.4, 1.NBT.C.5, 1.NBT.C.6

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UNIT TEST A Adding & Subtracting with Tens

40 marks · about 40 minutes · Common Core 1.NBT.C.4–6

Name _____ **Date** _____

Instructions

- Answer **every** question in the space given.
- Show your working: in Sections B and C you get marks for your method, even if the final answer is wrong.
- The number in brackets, like [2], shows how many marks a question is worth.
- You have about 40 minutes. A calculator is **not** needed.
- Check your answers if you finish early.
- A grown-up may read each question aloud, but should not help with the maths.

Your score

Section	Questions	Marks	Your score
A · Quick questions	1–10	10	
B · Show your working	11–16	17	
C · Problem solving	17–18	13	
Total		**40**	

Percentage: _____ % 85%+ excellent · 65–84% good · 45–64% keep practising · below 45% revise the packs first

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SECTION A Quick questions

1 mark each · write your answer in the box

1 What is 10 more than 49? [1]

Answer

2 What is 10 less than 28? [1]

Answer

3 Write the missing number in the chart. It is just below 67. [1]

66	67	68
76		78
86	87	88

Answer

4 ☐ = 94 − 10 [1]

Answer

5 51 + 20 = ☐ [1]

Answer

6 92 + 3 = ☐ [1]

Answer

7 47 + 5 = ☐ [1]

Answer

8 40 − 20 = ☐ [1]

Answer

9 9 − 3 = 6, so 90 − 30 = ☐ [1]

Answer

10 80 − ☐ = 20 [1]

Answer

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SECTION B Show your working

Marks are given for your method

11 Write the number that is 10 more than 25, and the number that is 10 less than 25. [2]

Answer

12 Find 42 + 20. Show the tens and the ones. [3]

Answer

13 Find 37 + 9 by making a new ten. Show your steps. [3]

Answer

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14 Show 60 − 30 on the number line by jumping back in tens. Write the answer. [3]



Answer

15 Sara says 21 + 3 = 24. Is Sara right? Explain. [2]

Answer

16 Find each answer. [4]

(a) 80 − 50 = ☐ (b) 70 − ☐ = 30

(c) 34 + 20 = ☐ (d) 10 less than 65

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SECTION C Problem solving

Longer questions with several steps

17 A shop has 43 apples. [7]
(a) 20 more apples arrive. How many apples are there now?
(b) Then 10 apples are sold. How many are left?
(c) Then 8 more apples arrive. How many apples are there now?
Show how you make a new ten.

18 Ben has 90 stickers on sheets of 10. [6]
(a) Ben gives away 50 stickers. How many are left? Write the small fact that helps you.
(b) Ali has 10 fewer stickers than Ben had at the start. How many does Ali have?
(c) How many more stickers does Ali have than Ben has now?

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Mark scheme

For parents · give the marks shown; method marks can be given even if the final answer is wrong

Tip: Give method marks generously when the working shows the right idea. If a mistake early on is carried through correctly, give the later marks.

Q	Answer	Marks	How to award the marks
1	59	1	
2	18	1	
3	77	1	
4	84	1	
5	71	1	
6	95	1	
7	52	1	Make a new ten: 47 + 3 = 50, then + 2.
8	20	1	
9	60	1	
10	60	1	
11	10 more: 35; 10 less: 15	2	1 mark each.
12	4 tens + 2 tens = 6 tens; 2 ones stay; 62	3	1 mark for adding the tens; 1 mark for keeping the ones; 1 mark for the answer.
13	37 + 3 = 40, 40 + 6 = 46	3	1 mark for 37 + 3 = 40; 1 mark for adding the 6 left; 1 mark for the answer. Other correct methods (e.g. tens and ones) can get full marks.
14	60 → 50 → 40 → 30; 30	3	1 mark for starting at 60; 1 mark for 3 jumps of 10 back; 1 mark for 30.
15	Yes: add the ones, 1 + 3 = 4; the tens stay, so 21 + 3 = 24.	2	1 mark for "yes"; 1 mark for a reason (add the ones, the tens stay the same).
16	(a) 30 (b) 40 (c) 54 (d) 55	4	1 mark each.
17	(a) 43 + 20 = 63 (b) 63 − 10 = 53 (10 less) (c) 53 + 7 = 60, + 1 = 61	7	(a) 2 marks: 1 for adding the tens, 1 for the answer. (b) 2 marks: 1 for 10 less, 1 for the answer. (c) 3 marks: 1 for making the new ten, 1 for adding the rest, 1 for the answer. Follow through.
18	(a) 9 − 5 = 4, so 90 − 50 = 40 (b) 90 − 10 = 80 (c) 80 − 40 = 40	6	(a) 2 marks: 1 for the fact (or tens), 1 for the answer. (b) 2 marks. (c) 2 marks: 1 for subtracting, 1 for the answer. Follow through.

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What to revise

Circle the questions your child lost marks on, then go back to the matching part of the pack

Questions	Skill	Revise in	✓ / ×
1	10 more	Pack 1 · 10 More & 10 Less, Part 1	
2	10 less	Pack 1 · 10 More & 10 Less, Part 2	
3	On the number chart	Pack 1 · 10 More & 10 Less, Part 3	
4	10 more and less equations	Pack 1 · 10 More & 10 Less, Part 4	
5, 12	Adding tens	Pack 2 · Adding within 100, Part 1	
6, 15	Adding ones	Pack 2 · Adding within 100, Part 2	
7, 13	Making a new ten	Pack 2 · Adding within 100, Part 3	
8	Taking away tens	Pack 3 · Subtracting Tens, Part 1	
9	Using a fact	Pack 3 · Subtracting Tens, Part 2	
10	Missing tens	Pack 3 · Subtracting Tens, Part 4	
11	10 more and 10 less	Pack 1 · 10 More & 10 Less, Parts 1 and 2	
14	Jumping back in tens	Pack 3 · Subtracting Tens, Part 3	
16	Tens: adding, taking away, 10 less	Pack 3 · Subtracting Tens, Parts 1 and 4, Pack 2 · Adding within 100, Part 1 and Pack 1 · 10 More & 10 Less, Part 2	
17	Adding and 10 less	Pack 2 · Adding within 100, Parts 1 and 3 and Pack 1 · 10 More & 10 Less, Part 2	
18	Subtracting tens	Pack 3 · Subtracting Tens, Parts 1–2 and Pack 1 · 10 More & 10 Less, Part 2	

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