Steady Steps Maths

FREE UNIT TEST · TOPIC 1

FREE SAMPLE · UNIT TEST A

Addition & Subtraction Word Problems

Unit Test A · 40 marks · about 40 minutes

GRADE 2



Common Core 2.OA.A.1

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Name _____ Date _____

UNIT TEST A

Addition & Subtraction Word Problems

40 marks · about 40 minutes · Common Core 2.OA.A.1

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.

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. Adam had 27 stickers and was given 37 more. How many stickers does Adam have now? [1]

Answer

2. There were 57 birds on a roof. 29 flew away. How many birds are left? [1]

Answer

3. A box has 30 red pens and 36 blue pens. How many pens are in the box? [1]

Answer

4. There are 81 balloons. 36 are yellow and the rest are green. How many are green? [1]

Answer

5. Maya had 47 marbles. Then Maya won some more. Now Maya has 68. How many marbles did Maya win? [1]

Answer

6. Some children were in the park. 39 went home. Now 29 are left. How many children were in the park at the start? [1]

Answer

7. Zaid has 82 cards. Lina has 50 cards. How many more cards does Zaid have? [1]

Answer

8. A red ribbon is 22 cm long. A blue ribbon is 37 cm longer. How long is the blue ribbon? [1]

Answer

9. A shop has 87 apples. It has 12 fewer pears than apples. How many pears does it have? [1]

Answer

10. A bus has 35 people. 26 get on, then 8 get off. How many people are on the bus now? [1]

Answer

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SECTION B Show your working

Marks are given for your method

11 Tariq has 61 beads. 43 are white and the rest are black. Fill in the bar model, then find how many are black. [2]



Answer

12 Rana read 34 pages. Yara read 24 more pages than Rana. [3]
(a) How many pages did Yara read? (b) How many pages did they read altogether?

Answer

13 A baker made 80 rolls. She sold 24 in the morning and 16 in the afternoon. How many rolls are left? Show your working. [3]

Answer

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14 Write a word problem for 59 + 29 = ☐ . Then solve it. [3]

Answer

15 Bilal has 78 shells. That is 28 more than Omar. Noor says Omar has 78 + 28 = 106 shells. Is Noor right? Explain. [2]

Answer

16 The table shows how many cars of each colour were in a car park. (a) How many more red cars than blue cars? (b) How many cars altogether? [4]

Colour	Cars
Red	45
Blue	19
Green	27

Answer

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SECTION C Problem solving

Longer questions with several steps

17 Adam had 44 stamps. An aunt gave Adam 17 more. [7]

(a) How many stamps does Adam have now?

(b) Adam gives 14 stamps to a cousin and 14 stamps to a friend. How many stamps are given away altogether?

(c) How many stamps does Adam have left?

Answer

18 A class collected 92 cans. Group 1 collected 31 cans, Group 2 collected 27 cans and Group 3 collected the rest. [6]

(a) How many cans did Groups 1 and 2 collect together? (b) How many cans did Group 3 collect?

(c) How many more cans did Group 1 collect than Group 2?

Answer

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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	64	1	
2	28	1	
3	66	1	
4	45	1	
5	21	1	
6	68	1	
7	32	1	
8	59 cm	1	
9	75	1	
10	53	1	35 + 26 = 61, 61 − 8 = 53.
11	Whole 61, parts 43 and ?; 61 − 43 = 18 black beads	2	1 mark for a correct bar model or a subtraction; 1 mark for the answer.
12	(a) 34 + 24 = 58 (b) 34 + 58 = 92	3	(a) 1 mark. (b) 2 marks: 1 for adding the two amounts, 1 for the answer. Follow through from (a).
13	80 − 24 = 56, 56 − 16 = 40 (or 24 + 16 = 40, 80 − 40 = 40)	3	1 mark for the first step, 1 mark for the second step, 1 mark for the answer.
14	e.g. “There are 59 cats and 29 dogs. How many animals?” 88	3	2 marks for a story that joins or puts together the two numbers; 1 mark for the answer.
15	No: Omar has fewer, so 78 − 28 = 50 shells.	2	1 mark for “no” with a reason (it should be fewer); 1 mark for the correct answer.
16	(a) 45 − 19 = 26 (b) 45 + 19 + 27 = 91	4	(a) 2 marks: 1 for subtracting, 1 for the answer. (b) 2 marks: 1 for adding all three, 1 for the answer.
17	(a) 44 + 17 = 61 (b) 14 + 14 = 28 (c) 61 − 28 = 33	7	(a) 2 marks: 1 for adding, 1 for the answer. (b) 2 marks. (c) 3 marks: 1 for subtracting the right numbers, 1 for working shown, 1 for the answer. Follow through.
18	(a) 31 + 27 = 58 (b) 92 − 58 = 34 (c) 31 − 27 = 4	6	(a) 2 marks. (b) 2 marks: 1 for subtracting from the total. (c) 2 marks: 1 for subtracting. 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	Adding to	Pack 1 · Adding & Taking Away Problems, Part 1	
2	Taking away	Pack 1 · Adding & Taking Away Problems, Part 2	
3, 4, 11	Putting together	Pack 1 · Adding & Taking Away Problems, Part 3	
5	How many came?	Pack 1 · Adding & Taking Away Problems, Part 4	
6	How many at the start?	Pack 1 · Adding & Taking Away Problems, Part 5	
7	How many more?	Pack 2 · Comparing Problems, Part 2	
8	Finding the bigger amount	Pack 2 · Comparing Problems, Part 3	
9	Finding the smaller amount	Pack 2 · Comparing Problems, Part 4	
10	Adding and taking away	Pack 3 · Two-Step Problems, Part 2	
12	Compare, then find the total	Pack 3 · Two-Step Problems, Part 3	
13	Taking away twice	Pack 3 · Two-Step Problems, Part 1	
14	Writing word problems	Pack 1 · Adding & Taking Away Problems, Parts 1 and 3	
15	Watch the words	Pack 2 · Comparing Problems, Part 5	
16	Using a table	Pack 3 · Two-Step Problems, Part 5	
17	Two-step problems	Pack 3 · Two-Step Problems, Parts 1 and 2	
18	Two steps to a missing number	Pack 3 · Two-Step Problems, Part 4 and Pack 2 · Comparing Problems, Part 2	

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