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 1



Common Core 1.OA.A.1, 1.OA.A.2

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Name _____ Date _____

UNIT TEST A

Addition & Subtraction Word Problems

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

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. Ivy has 6 shells. Ivy finds 7 more. How many shells does Ivy have now? [1]

   Answer

2. There are 18 ducks on a pond. 6 fly away. How many ducks are left? [1]

   Answer

3. A vase has 10 red flowers and 6 yellow flowers. How many flowers are in the vase? [1]

   Answer

4. There are 18 pencils. 4 are short and the rest are long. How many are long? [1]

   Answer

5. 8 children are in the pool. Some more jump in. Now there are 11. How many jumped in? [1]

   Answer

6. Kai had some grapes. Kai ate 6. Now Kai has 7. How many grapes did Kai have at first? [1]

   Answer

7. Omar has 15 cards. Mia has 11 cards. How many more cards does Omar have? [1]

   Answer

8. Leo has 10 toy cars. Adam has 5 more than Leo. How many toy cars does Adam have? [1]

   Answer

9. A tree has 17 apples. A bush has 6 fewer apples than the tree. How many apples are on the bush? [1]

   Answer

10. Add: 7 + 6 + 5 = ☐ [1]

    Answer

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SECTION B Show your working

Marks are given for your method

11 Sara has 18 balloons. 4 pop. Write an equation with ☐ for the balloons left. Then solve it. [2]

Answer _____

12 Ali has 4 stickers. Zara has 5 more stickers than Ali. [3]
(a) How many stickers does Zara have?
(b) How many stickers do they have altogether?

13 Find 2 + 9 + 8. Show which two numbers you add first to make 10. [3]

Answer _____

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14 Tell or write a short story for 15 − 6 = ☐ (a grown-up may write it down). Then solve it. [3]

Answer

15 Ben has 15 beads. That is 3 more than Ivy. Sara says Ivy has 15 + 3 = 18 beads. Is Sara right? Explain. What should it be? [2]

Answer

16 The table shows the cubes in a box. [4]
(a) How many cubes are there altogether?
(b) How many more blue cubes than red cubes?

Colour	Cubes
Red	2
Blue	8
Green	5

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SECTION C Problem solving

Longer questions with several steps

17 Kai had 6 marbles. Kai's dad gave 3 more. [7]
(a) How many marbles does Kai have now?
(b) Kai gives 2 marbles to a friend. How many are left?
(c) Omar has 9 marbles. Who has more marbles now, and how many more?

18 Mia picks 7 red apples, 5 green apples and 2 yellow apples. [6]
(a) How many apples does Mia pick altogether?
(b) A basket holds 19 apples. How many more apples are needed to fill the basket?

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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	13	1	
2	12	1	
3	16	1	
4	14	1	
5	3	1	
6	13	1	
7	4	1	
8	15	1	
9	11	1	
10	18	1	
11	18 − 4 = □; □ = 14	2	1 mark for a correct equation; 1 mark for the answer.
12	(a) 4 + 5 = 9 (b) 4 + 9 = 13	3	(a) 1 mark. (b) 2 marks: 1 for adding the two amounts, 1 for the answer. Follow through from (a).
13	2 + 8 = 10, 10 + 9 = 19	3	1 mark for choosing the pair that makes 10; 1 mark for adding the third number; 1 mark for the answer. Any correct order can get full marks.
14	e.g. “There were 15 birds. 6 flew away. How many are left?” 9	3	2 marks for a story that takes away (or compares) using the two numbers; 1 mark for the answer.
15	No: Ivy has fewer, so 15 − 3 = 12 beads.	2	1 mark for “no” with a reason (it should be fewer); 1 mark for the correct answer.
16	(a) 2 + 8 + 5 = 15 (b) 8 − 2 = 6	4	(a) 2 marks: 1 for adding all three, 1 for the answer. (b) 2 marks: 1 for subtracting, 1 for the answer.
17	(a) 6 + 3 = 9 (b) 9 − 2 = 7 (c) Omar, 9 − 7 = 2 more	7	(a) 2 marks: 1 for adding, 1 for the answer. (b) 2 marks: 1 for taking away, 1 for the answer. (c) 3 marks: 1 for the right person, 1 for subtracting, 1 for the answer. Follow through.
18	(a) 7 + 5 + 2 = 14 (b) 14 + □ = 19, so 5 more	6	(a) 3 marks: 1 for adding two numbers, 1 for adding the third, 1 for the answer. (b) 3 marks: 1 for a correct method (count up or take away), 1 for the working, 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	Adding to	Pack 1 · Adding & Taking Away Problems, Part 1	
2, 11	Taking away	Pack 1 · Adding & Taking Away Problems, Part 2	
3, 4	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 first?	Pack 1 · Adding & Taking Away Problems, Part 5	
7	How many more?	Pack 2 · Comparing Problems, Part 1	
8, 12	Finding the bigger amount	Pack 2 · Comparing Problems, Part 3	
9, 15	Finding the smaller amount	Pack 2 · Comparing Problems, Part 4	
10	Adding three numbers	Pack 3 · Adding Three Numbers, Part 1	
13	Make ten first	Pack 3 · Adding Three Numbers, Part 2	
14	Writing word problems	Pack 1 · Adding & Taking Away Problems, Parts 2 and 3	
16	Using a table	Pack 3 · Adding Three Numbers, Part 4 and Pack 2 · Comparing Problems, Part 1	
17	Stories with more than one step	Pack 1 · Adding & Taking Away Problems, Parts 1–2 and Pack 2 · Comparing Problems, Part 1	
18	Three numbers, then a missing part	Pack 3 · Adding Three Numbers, Part 4 and Pack 1 · Adding & Taking Away Problems, Part 4	

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