Steady Steps Maths

FREE UNIT TEST · TOPIC 8

FREE SAMPLE · UNIT TEST A

Measuring Length

Unit Test A · 40 marks · about 40 minutes

GRADE 1



Common Core 1.MD.A.1, 1.MD.A.2

Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

UNIT TEST A

Measuring Length

40 marks · about 40 minutes · Common Core 1.MD.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

Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

SECTION A Quick questions

1 mark each · write your answer in the box

1 A pencil and a ribbon start together. The ribbon ends further on. Which is longer? [1]

Answer

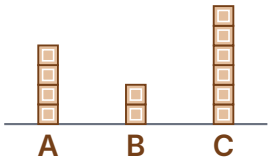
2 Ben's scarf is longer than Ava's scarf. Whose scarf is shorter? [1]

Answer

3 Ribbons: red 4 cubes, blue 7, green 9. Which is longest? [1]

Answer

4 Which tower is the shortest? [1]



Answer

5 The bench is longer than the chair. The chair is longer than the stool. Which is the longest? [1]

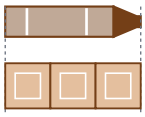
Answer

6 How many paper clips long is it? [1]



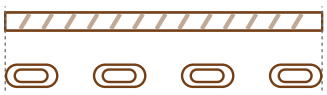
Answer

7 How many cubes long is it? [1]



Answer

8 Is it measured the right way? Write yes or no. [1]



Answer

9 Red ribbon: 5 cubes. Blue ribbon: 6 cubes. Which is longer? [1]

Answer

10 Train: 12 cubes. Car: 5 cubes. How many cubes longer is the train? [1]

Answer

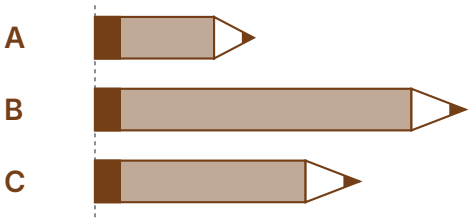
Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

SECTION B Show your working

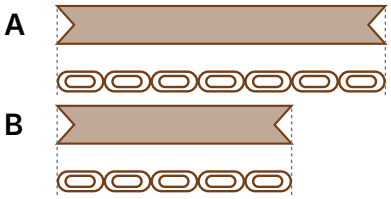
Marks are given for your method

11 Write the letters in order, from shortest to longest. [2]



Answer

12 (a) How many clips long is A? [3]
(b) How many clips long is B?
(c) How many clips longer is A than B?



13 Ivy measured straw 1 and says it is 5 clips long. [3]
(a) What did Ivy do wrong? (b) Straw 2 is the same straw, measured the right way. How long is it?



Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

14 The snake is longer than the lizard. The worm is shorter than the lizard. [3]

(a) Write them in order from longest to shortest.

(b) Is the snake longer than the worm? How do you know?

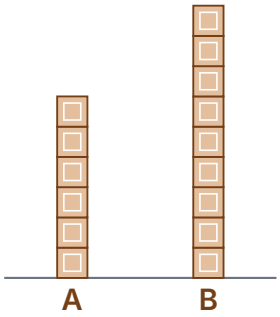
15 Omar measures a table: it is 11 hands long. Dad measures the same table: it is 7 hands long. Why are the numbers different? [2]

Answer

16 (a) How many cubes tall is tower A? [4]

(b) How many cubes tall is tower B?

(c) How many cubes taller is B than A?



Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

SECTION C Problem solving

Longer questions with several steps

17 Ava measures three ribbons with cubes. The red ribbon is 10 cubes long, the blue ribbon is 3 cubes long and the green ribbon is 5 cubes long. [7]

(a) Write the ribbons in order from longest to shortest.

(b) How many cubes longer is the red ribbon than the blue ribbon?

(c) Ava puts the blue ribbon and the green ribbon end to end. How long are they together?

18 (a) How many paper clips long is this pencil? [6]

(b) A crayon is 3 clips shorter than the pencil. How long is the crayon?

(c) A spoon is 5 clips long. How many clips longer is the pencil than the spoon?



Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

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	the ribbon	1	
2	Ava's scarf	1	
3	the green ribbon	1	
4	B	1	
5	the bench	1	
6	9 paper clips	1	
7	3 cubes	1	
8	no	1	
9	the blue ribbon	1	
10	7 cubes	1	
11	A, C, B	2	2 marks for the right order; 1 mark if the shortest or the longest is right.
12	(a) 7 (b) 5 (c) 7 − 5 = 2 clips	3	1 mark each. Follow through in (c).
13	(a) there are gaps between the clips (b) 7 clips	3	(a) 2 marks: 1 for the gaps or overlaps, 1 for “clips must touch, end to end”. (b) 1 mark.
14	(a) snake, lizard, worm (b) yes (snake > lizard > worm)	3	(a) 2 marks (1 if two are in order). (b) 1 mark for yes with a reason.
15	Dad's hands are bigger, so he needs fewer.	2	1 mark: hands are different sizes; 1 mark: bigger hands, fewer needed.
16	(a) 6 (b) 9 (c) 9 − 6 = 3	4	(a) 1 mark. (b) 1 mark. (c) 2 marks: 1 for subtracting, 1 for the answer. Follow through.
17	(a) red, green, blue (b) 10 − 3 = 7 cubes (c) 3 + 5 = 8 cubes	7	(a) 2 marks (1 if two are in order). (b) 2 marks: 1 for subtracting, 1 for the answer. (c) 3 marks: 1 for knowing to add, 1 for writing the adding sentence, 1 for the answer with the unit.
18	(a) 6 clips (b) 6 − 3 = 3 clips (c) 6 − 5 = 1 clip	6	(a) 2 marks: 1 for the count, 1 for the unit. (b) 2 marks. (c) 2 marks. Follow through.

Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

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, 2	Longer and shorter	Pack 1 · Comparing & Ordering Lengths, Part 1	
3, 11	Ordering three objects	Pack 1 · Comparing & Ordering Lengths, Part 2	
4	Taller and shorter	Pack 1 · Comparing & Ordering Lengths, Part 3	
5, 14	Comparing using a third object	Pack 1 · Comparing & Ordering Lengths, Part 4	
6	Measuring with paper clips	Pack 2 · Measuring with Units, Part 1	
7	Measuring with cubes	Pack 2 · Measuring with Units, Part 2	
8, 13	Is it measured right?	Pack 2 · Measuring with Units, Part 3	
9, 10, 12	Comparing lengths	Pack 2 · Measuring with Units, Part 4	
15	Same-size units	Pack 2 · Measuring with Units, Mixed practice	
16	Taller and shorter	Pack 1 · Comparing & Ordering Lengths, Part 3 and Pack 2 · Measuring with Units, Part 4	
17	Measuring and comparing	Pack 1 · Comparing & Ordering Lengths, Part 2 and Pack 2 · Measuring with Units, Part 4	
18	Measuring with units	Pack 2 · Measuring with Units, Parts 1 and 4	

Licensed for use by one family. Please do not share, upload or resell.