Steady Steps Maths

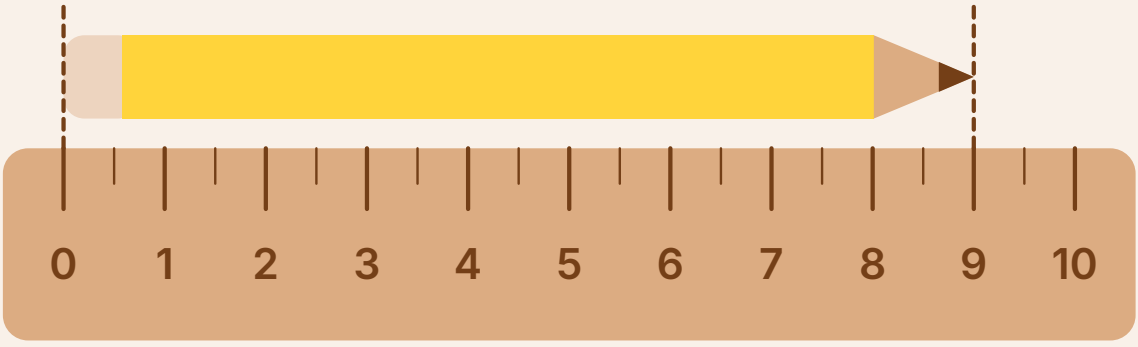
FREE SAMPLE WORKSHEET · TOPIC 7

FREE SAMPLE

Measuring Length

Free sample worksheet · with answers

GRADE 2



9 cm long

Common Core 2.MD.A.1–4

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Name _____ Date _____

Quick recap

The big idea from each pack in this topic. Read it first, then try the questions.

Learn it · Pack 1 · Measuring with rulers

Line up one end with 0. Read the number at the other end.

A straw from 0 to 9 is **9 cm** long.

Learn it · Pack 2 · Different units

Inches are longer than centimetres, so you need fewer of them.

A book might be 8 inches or about 20 cm.

Learn it · Pack 3 · Estimating length

Use cm for small things and m for big things.

A pencil is about 15 cm. A classroom is about 8 m.

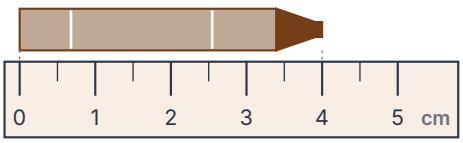
Learn it · Pack 4 · Comparing lengths

To find how much longer, subtract.

15 cm − 9 cm = **6 cm** longer.

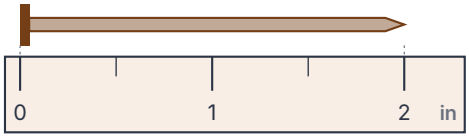
PACK 1 Measuring with Rulers

1 How long is the crayon?



Answer

2 How long is the nail?



Answer

3 A pencil goes from 2 cm to 11 cm on a ruler. How long is it?

Answer

4 Ruler or measuring tape: which is better to measure the school field?

Answer

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PACK 2 Measuring in Different Units

5 A book is 9 inches long. In cm, is the number bigger or smaller than 9?

Answer

6 Which unit is longer: 1 inch or 1 centimetre?

Answer

7 A desk is 30 small cubes long, or 6 long rods. Which unit is longer?

Answer

8 Why do you get a smaller number when you measure with a longer unit?

Answer

PACK 3 Estimating Length

9 cm or m: the height of a door?

Answer

10 About how long is a toothbrush: 18 cm, 18 m or 1 cm?

Answer

11 cm or m: the length of a football pitch?

Answer

12 About how tall is a mug: 10 cm, 10 m or 1 m?

Answer

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PACK 4

Comparing Lengths

13 Ribbon A is 54 cm. Ribbon B is 38 cm. How much longer is ribbon A?

Answer

14 Which is the longest: 62 cm, 26 cm or 60 cm?

Answer

15 From 0, a pencil ends at 12 cm and a crayon at 7 cm. How much longer is the pencil?

Answer

16 Order from shortest: 41 cm, 14 cm, 40 cm

Answer

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Real life

Read carefully, then show your working

17 Sana's sunflower was 45 cm tall. Two weeks later it was 72 cm tall. How much did it grow?

Answer

18 Two ribbons are 35 cm and 28 cm long.
(a) How long are they when laid end to end? (b) How much longer is the first ribbon?

Answer

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Answer key

For parents · check the steps as well as the final answer

Pack 1	**1)** 4 cm **2)** 2 in **3)** 9 cm **4)** a measuring tape
Pack 2	**5)** bigger **6)** 1 inch **7)** the rods **8)** fewer of the long units fit
Pack 3	**9)** m **10)** 18 cm **11)** m **12)** 10 cm
Pack 4	**13)** 16 cm **14)** 62 cm **15)** 5 cm **16)** 14 cm, 40 cm, 41 cm
Real life	**17)** 72 − 45 = 27 cm **18)** (a) 35 + 28 = 63 cm (b) 35 − 28 = 7 cm

Tip: Print this sheet at 100% (actual size) so the rulers measure correctly.

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Enjoyed this sample?

This sheet has 18 questions. The full topic has 127, plus 10 unit tests.

Everything a Grade 2 student needs on measuring length: using a ruler, metre stick or tape, centimetres, metres, inches, feet and yards, why a smaller unit needs more units, estimating lengths and finding how much longer one thing is.

What you get	What's inside	Questions
Pack 1 · Measuring with Rulers	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 2.MD.A.1	33
Pack 2 · Measuring in Different Units	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 2.MD.A.2	29
Pack 3 · Estimating Length	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 2.MD.A.3	35
Pack 4 · Comparing Lengths	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 2.MD.A.4	30
Complete Topic book	All 4 packs in one book with a contents page	127
10 Unit Tests (A–J)	40 marks each, about 40 minutes, with a mark scheme and a "what to revise" table. **Test A is free.**	18 per test

How to use this sample

1. Let your child read the recap page and try the questions on their own.
2. Mark together with the answer key. Each section shows which pack it comes from.
3. If a section felt hard, that pack is the place to start. If it all felt easy, try the free Unit Test A.

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