Steady Steps Maths

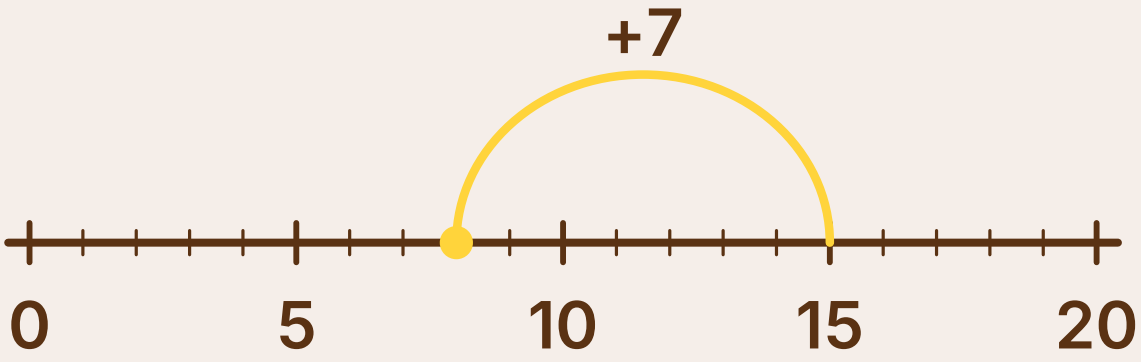
FREE SAMPLE WORKSHEET · TOPIC 8

FREE SAMPLE

Length Problems & Number Lines

Free sample worksheet · with answers

GRADE 2



8 + 7 = 15

Common Core 2.MD.B.5–6

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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 · Number lines

Numbers are equally spaced. Jump on to add, back to subtract.

From 34, jump on 20 then 5: you land on **59**.

Learn it · Pack 2 · Length word problems

Write an equation with ☐ for the unknown length.

A 60 cm ribbon, 24 cm cut off:

60 − 24 = ☐, so ☐ = **36 cm**.

PACK 1 Number Lines

1 What number is at the dot?



Answer

2 What number is at the dot?



Answer

3 Start at 27. Jump on 30, then 6. Where do you land?

Answer

4 Start at 74. Jump back 20, then 3. Where do you land?

Answer

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PACK 2

Length Word Problems

5 A 46 cm ribbon and a 27 cm ribbon are laid end to end. How long are they together?

Answer

6 A rope is 90 m long. 35 m is cut off. How much is left?

Answer

7 A path is 80 m long. Noor has walked 52 m. Write an equation with ☐ and find how far is left.

Answer

8 A desk is 68 cm long. A table is 85 cm long. How much longer is the table?

Answer

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Real life

Read carefully, then show your working

9 Ali's paper chain is 38 cm long. He adds 25 cm more.
(a) How long is the chain now? (b) He wants it to be 100 cm long. How much more does he need?

Answer

10 A 50 m hose starts at the tap. It is 18 m too short to reach the tree. How far is the tree from the tap?

Answer

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Answer key

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

Pack 1	**1)** 7 **2)** 54 **3)** 63 **4)** 51
Pack 2	**5)** 73 cm **6)** 55 m **7)** 52 + ☐ = 80 (or 80 − 52 = ☐); 28 m **8)** 17 cm
Real life	**9)** (a) 38 + 25 = 63 cm (b) 100 − 63 = 37 cm **10)** 50 + 18 = 68 m

Tip: Draw a quick number line or bar for each problem, and always write the unit (cm or m) in the answer.

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Enjoyed this sample?

This sheet has 10 questions. The full topic has 60, plus 10 unit tests.

Everything a Grade 2 student needs on number lines and length problems: showing numbers, sums and differences as jumps on a number line, and solving word problems about lengths within 100.

What you get	What's inside	Questions
Pack 1 · Number Lines	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 2.MD.B.6	31
Pack 2 · Length Word Problems	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 2.MD.B.5	29
Complete Topic book	Both packs in one book with a contents page	60
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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