Steady Steps Maths

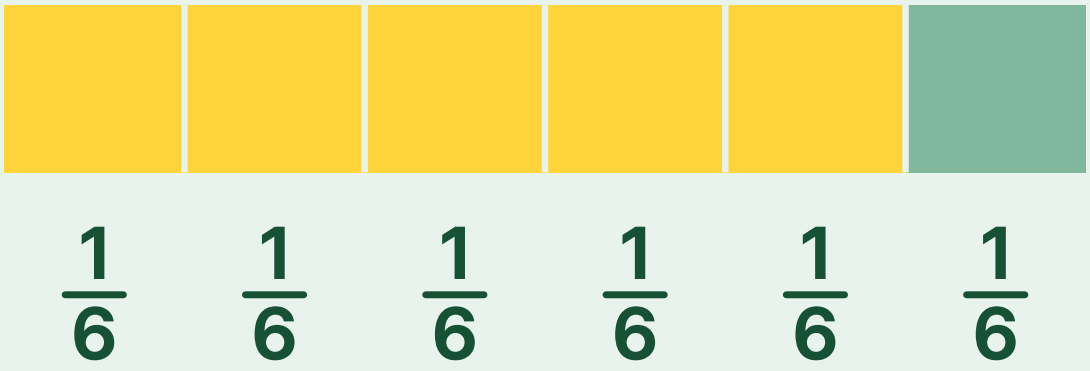
FREE SAMPLE WORKSHEET · TOPIC 5

FREE SAMPLE

Understanding Fractions

Free sample worksheet · with answers

GRADE 3



5 sixths = $\frac{5}{6}$

Common Core 3.NF.A.1–2

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Quick recap

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

Learn it · Pack 1 · Unit fractions

A unit fraction is 1 of the equal parts.

A shape split into 4 equal parts: one part is $\frac{1}{4}$.

Learn it · Pack 2 · Building fractions

Count the unit fractions.

3 parts of $\frac{1}{8}$ make $\frac{3}{8}$.

Learn it · Pack 3 · Number lines

Split 0 to 1 into equal jumps and count them.

From 0, 2 jumps of $\frac{1}{3}$ land on $\frac{2}{3}$.

PACK 1 Unit Fractions

1 What fraction of the circle is shaded?



Answer

2 Is the bar split into thirds? Write yes or no.



Answer

3 $\frac{1}{8}$ is 1 of how many equal parts?

Answer

4 A sandwich is cut into 2 equal parts. What fraction is one part?

Answer

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5 A square is split into 4 equal parts. One part is shaded. What fraction is that?

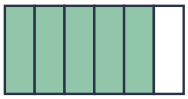
Answer

6 Which is the unit fraction: 3/4 or 1/4?

Answer

PACK 2 Building Fractions from Unit Fractions

7 What fraction of the bar is shaded?



Answer

8 How many $\frac{1}{4}$ make $\frac{3}{4}$?

Answer

9 Write as a fraction: five eighths

Answer

10 What fraction is 2 parts, each 1/3 of the whole?

Answer

11 A pizza has 8 equal slices. Maya eats 3. What fraction does she eat?

Answer

12 How many sixths make one whole?

Answer

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PACK 3

Fractions on a Number Line

13 What fraction is at point A?



Answer

14 How many jumps of 1/6 go from 0 to 1?

Answer

15 On a line from 0 to 1 split into eighths, what is the 5th mark?

Answer

16 Which is closer to 1 on a number line: 2/3 or 1/3?

Answer

Real life

Read carefully, then show your working

17 A cake is cut into 6 equal pieces. Ali eats 1 piece and Huda eats 2 pieces.
(a) What fraction does Huda eat? (b) What fraction is left?

Answer

18 A path is split into 4 equal parts. Sana walks 3 of the parts.
(a) What fraction of the path is one part? (b) What fraction does she walk?

Answer

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Answer key

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

Pack 1	**1)** 1/6 **2)** no (the parts are not equal) **3)** 8 **4)** 1/2 **5)** 1/4 **6)** 1/4
Pack 2	**7)** 5/6 **8)** 3 **9)** 5/8 **10)** 2/3 **11)** 3/8 **12)** 6
Pack 3	**13)** 3/4 **14)** 6 **15)** 5/8 **16)** 2/3
Real life	**17)** (a) 2/6 (b) 3/6 **18)** (a) 1/4 (b) 3/4

Tip: Fractions do not need to be simplified in Grade 3: 2/6 and 1/3 are both correct. The parts must be equal.

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Enjoyed this sample?

This sheet has 18 questions. The full topic has 116, plus 10 unit tests.

Everything a Grade 3 student needs to begin fractions: equal parts, unit fractions such as 1/4, building fractions like 3/4 from unit fractions, and placing fractions on a number line. Halves, thirds, quarters, sixths and eighths only.

What you get	What's inside	Questions
Pack 1 · Unit Fractions	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 3.NF.A.1	40
Pack 2 · Building Fractions from Unit Fractions	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 3.NF.A.1	40
Pack 3 · Fractions on a Number Line	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 3.NF.A.2a–b	36
Complete Topic book	All 3 packs in one book with a contents page	116
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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