Steady Steps Maths

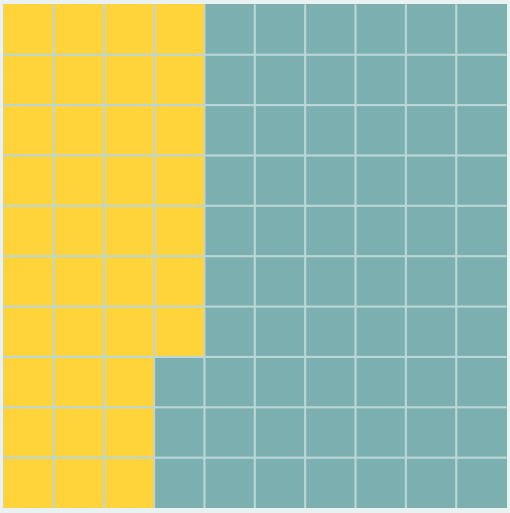
FREE SAMPLE WORKSHEET · TOPIC 8

FREE SAMPLE

Decimals

Free sample worksheet · with answers

GRADE 4



0.37

37/100

Common Core 4.NF.C.5–7

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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 · Tenths and hundredths

1 tenth = 10 hundredths. Change tenths into hundredths before adding.

$\frac{6}{10} + \frac{3}{100} = \frac{60}{100} + \frac{3}{100} = \mathbf{\frac{63}{100}}$

Learn it · Pack 2 · Decimal notation

Tenths take one place after the point; hundredths take two places.

$\frac{47}{100} = \mathbf{0.47}$ $2\frac{9}{10} = \mathbf{2.9}$ $0.05 = \mathbf{\frac{5}{100}}$

Learn it · Pack 3 · Comparing decimals

Compare the tenths first, then the hundredths. A zero helps: 0.7 = 0.70.

0.7 or 0.68? 0.70 > 0.68, so **0.7 > 0.68**

PACK 1 Tenths & Hundredths

1 Find the missing number:
$\frac{8}{10} = \frac{\square}{100}$

Answer

2 Find the missing number:
$\frac{50}{100} = \frac{\square}{10}$

Answer

3 Work out $\frac{2}{10} + \frac{9}{100}$.

Answer

4 Work out $\frac{5}{10} + \frac{14}{100}$.

Answer

5 Complete:
$\frac{36}{100} = \frac{\square}{10} + \frac{\square}{100}$

Answer

6 Find the missing number:
$\frac{4}{10} + \frac{\square}{100} = \frac{47}{100}$

Answer

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PACK 2 Decimals on a Number Line

7 Write $\frac{39}{100}$ as a decimal.

Answer

8 Write $\frac{6}{100}$ as a decimal.

Answer

9 Write $5\frac{2}{10}$ as a decimal.

Answer

10 Write 0.81 as a fraction.

Answer

11 Write 3.07 as a mixed number.

Answer

12 What decimal is at P?



Answer

PACK 3 Comparing Decimals

13 Write <, > or =
0.4 ☐ 0.6

Answer

14 Write <, > or =
0.52 ☐ 0.25

Answer

15 Write <, > or =
0.9 ☐ 0.89

Answer

16 Order from least to greatest:
0.3, 0.33, 0.03

Answer

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Real life

Read carefully, then show your working

17 Two puppies weigh 3.6 kg and 3.58 kg.
(a) Write 3.6 kg as a mixed number. (b) Which puppy is heavier? Explain.

Answer

18 A tank is filled with water: $\frac{5}{10}$ of the tank on Monday and $\frac{28}{100}$ of the tank on Tuesday.
(a) What fraction of the tank is full now? (b) Write your answer as a decimal.

Answer

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Answer key

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

Pack 1	**1)** 80 **2)** 5 **3)** 29/100 **4)** 64/100 **5)** 3/10 + 6/100 **6)** 7
Pack 2	**7)** 0.39 **8)** 0.06 **9)** 5.2 **10)** 81/100 **11)** 3 7/100 **12)** 0.46
Pack 3	**13)** 0.4 < 0.6 **14)** 0.52 > 0.25 **15)** 0.9 > 0.89 (0.90 > 0.89) **16)** 0.03, 0.3, 0.33
Real life	**17)** (a) 3 6/10 kg (3 60/100 kg also accepted) (b) the 3.6 kg puppy: 3.60 > 3.58 **18)** (a) 78/100 (b) 0.78

Tip: 0.7 and 0.70 are the same number. Adding a zero makes it easy to compare tenths with hundredths.

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Enjoyed this sample?

This sheet has 18 questions. The full topic has 132, plus 10 unit tests.

Everything a Grade 4 student needs on decimals: tenths as hundredths, adding tenths and hundredths, writing fractions as decimals and back, reading decimals on a number line, and comparing and ordering decimals to hundredths.

What you get	What's inside	Questions
Pack 1 · Tenths & Hundredths	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 4.NF.C.5	43
Pack 2 · Decimals on a Number Line	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 4.NF.C.6	43
Pack 3 · Comparing Decimals	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 4.NF.C.7	46
Complete Topic book	All 3 packs in one book with a contents page	132
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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