Steady Steps Maths

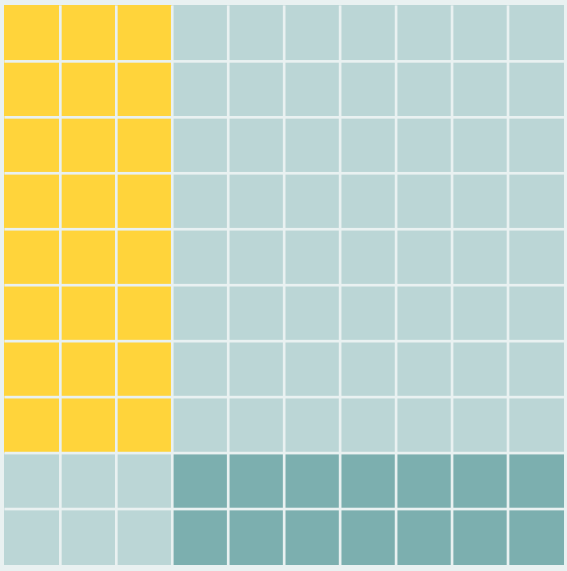
FREE SAMPLE WORKSHEET · TOPIC 4

FREE SAMPLE

Decimal Operations

Free sample worksheet · with answers

GRADE 5



0.3×0.8

$= 0.24$

Common Core 5.NBT.B.7

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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 · Adding & subtracting

Line up the decimal points. Fill gaps with zeros.

8 − 2.65 = 8.00 − 2.65 = **5.35**

Learn it · Pack 2 · Multiplying

Multiply as whole numbers, then count the decimal places.

1.3 × 0.6: 13 × 6 = 78 → **0.78**

Learn it · Pack 3 · Dividing

Decimal ÷ whole: keep the point in line. ÷ a decimal: ask how many fit.

6.4 ÷ 4 = **1.6** · 3 ÷ 0.5 = **6**

PACK 1 Adding & Subtracting Decimals

1. Work out 3.47 + 5.6.

Answer

2. Work out 10 − 4.38.

Answer

3. Work out 6.2 − 2.75.

Answer

4. Find the missing number:
1.85 + ☐ = 4

Answer

5. Work out 0.36 + 0.4 + 1.2.

Answer

6. Estimate 7.81 + 2.24 to the nearest whole number.

Answer

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PACK 2 Multiplying Decimals

7 Work out 2.45 × 4.

Answer

8 Work out 0.3 × 0.8.

Answer

9 Work out 1.6 × 2.5.

Answer

10 Work out 0.07 × 6.

Answer

11 27 × 14 = 378. What is 2.7 × 1.4?

Answer

12 Work out 3.2 × 0.5.

Answer

PACK 3 Dividing Decimals

13 Work out 8.4 ÷ 3.

Answer

14 Work out 5 ÷ 0.25.

Answer

15 Work out 1.2 ÷ 0.3.

Answer

16 Work out 9.36 ÷ 4.

Answer

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Real life

Read carefully, then show your working

17 A notebook costs 2.35 and a ruler costs 0.90.
(a) How much do 3 notebooks and 1 ruler cost? (b) What is the change from 10.00?

Answer

18 A 2.4 m plank is cut into pieces 0.6 m long.
(a) How many pieces are there? (b) Check by multiplying.

Answer

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Answer key

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

Pack 1	**1)** 9.07 **2)** 5.62 **3)** 3.45 **4)** 2.15 **5)** 1.96 **6)** 8 + 2 = 10
Pack 2	**7)** 9.8 **8)** 0.24 **9)** 4 **10)** 0.42 **11)** 3.78 **12)** 1.6
Pack 3	**13)** 2.8 **14)** 20 **15)** 4 **16)** 2.34
Real life	**17)** (a) 7.95 (b) 2.05 **18)** (a) 4 (b) 4 × 0.6 = 2.4

Tip: Always line up the decimal points when adding or subtracting: 6.2 − 2.75 is 6.20 − 2.75.

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Enjoyed this sample?

This sheet has 18 questions. The full topic has 126, plus 10 unit tests.

Everything a Grade 5 student needs on calculating with decimals to hundredths: adding and subtracting with lined-up points, multiplying with hundred grids and estimates, dividing by thinking in tenths and hundredths, and checking every answer.

What you get	What's inside	Questions
Pack 1 · Adding & Subtracting Decimals	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 5.NBT.B.7	43
Pack 2 · Multiplying Decimals	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 5.NBT.B.7	43
Pack 3 · Dividing Decimals	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 5.NBT.B.7	40
Complete Topic book	All 3 packs in one book with a contents page	126
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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