Steady Steps Maths

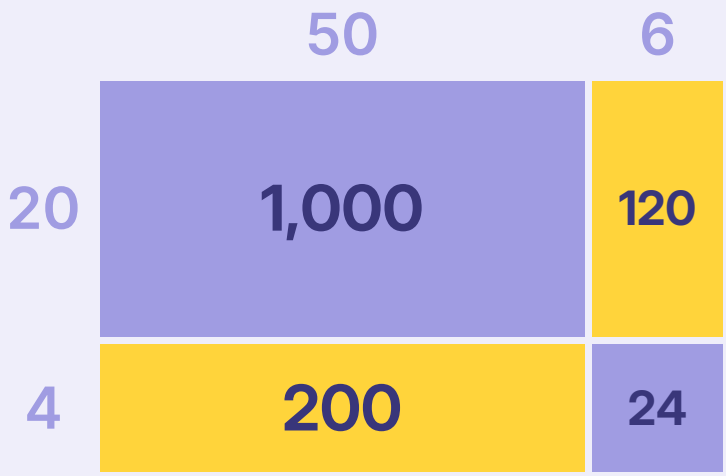
FREE SAMPLE WORKSHEET · TOPIC 3

FREE SAMPLE

Multiplying & Dividing Whole Numbers

Free sample worksheet · with answers

GRADE 5



56 × 24 = 1,344

Common Core 5.NBT.B.5–6

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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 · Multi-digit multiplication

Multiply by the ones, then by the tens (write a 0 first), then add.

56 × 24: 56 × 4 = 224, 56 × 20 = 1,120, total **1,344**

Learn it · Pack 2 · Dividing by two-digit numbers

Take away easy chunks (10 ×, 20 × …) of the divisor, then add up the chunks.

952 ÷ 28: 28 × 30 = 840, 112 left, 28 × 4 = 112 → **34**

PACK 1 Multi-Digit Multiplication

1. Work out 437 × 6.

Answer

2. Work out 38 × 27.

Answer

3. Work out 64 × 53.

Answer

4. Work out 215 × 34.

Answer

5. Work out 1,206 × 45.

Answer

6. Estimate 68 × 41 by rounding to the nearest ten.

Answer

7. Work out 75 × 100.

Answer

8. Estimate: is 38 × 22 more or less than 1,000?

Answer

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PACK 2

Dividing by Two-Digit Numbers

9 Work out 3,600 ÷ 40.

Answer

10 Work out 2,100 ÷ 70.

Answer

11 Work out 408 ÷ 17.

Answer

12 Work out 1,056 ÷ 32.

Answer

13 Work out 2,695 ÷ 49.

Answer

14 Work out 7,488 ÷ 52.

Answer

15 Check by multiplying: is 1,288 ÷ 23 = 56?

Answer

16 What number times 25 equals 1,500?

Answer

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Real life

Read carefully, then show your working

17 A cinema has 18 rows with 32 seats in each row.
(a) How many seats are there? (b) 9 rows are booked by schools. How many seats is that?

Answer

18 A baker makes 1,404 rolls and packs them in bags of 12.
(a) How many bags does she fill? (b) Check your answer by multiplying.

Answer

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Answer key

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

Pack 1	**1)** 2,622 **2)** 1,026 **3)** 3,392 **4)** 7,310 **5)** 54,270 **6)** 70 × 40 = 2,800 **7)** 7,500 **8)** less (about 40 × 20 = 800)
Pack 2	**9)** 90 **10)** 30 **11)** 24 **12)** 33 **13)** 55 **14)** 144 **15)** yes (23 × 56 = 1,288) **16)** 60
Real life	**17)** (a) 576 (b) 288 **18)** (a) 117 (b) 117 × 12 = 1,404

Tip: Estimate first: 68 × 41 is about 70 × 40 = 2,800, so an answer like 27,880 must be wrong.

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Enjoyed this sample?

This sheet has 18 questions. The full topic has 80, plus 10 unit tests.

Everything a Grade 5 student needs on multiplying and dividing whole numbers: the standard method for multi-digit multiplication, estimating to check, and dividing by 2-digit numbers with multiples of 10, area models and partial quotients.

What you get	What's inside	Questions
Pack 1 · Multi-Digit Multiplication	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 5.NBT.B.5	40
Pack 2 · Dividing by Two-Digit Numbers	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 5.NBT.B.6	40
Complete Topic book	All 2 packs in one book with a contents page	80
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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