Steady Steps Maths

FREE SAMPLE WORKSHEET · TOPIC 2

FREE SAMPLE

Multiplication & Division Facts

Free sample worksheet · with answers

GRADE 3

×	6	7	8	9
6	36	42	48	54
7	42	49	56	63
8	48	56	64	72
9	54	63	72	81

7 × 8 = 56

Common Core 3.OA.B.5–6, 3.OA.C.7

Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

Quick recap

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

Learn it · Pack 1 · Properties

Turn the numbers round, group them, or break one apart.

3 × 9 = (3 × 5) + (3 × 4) = 15 + 12 = **27**.

Learn it · Pack 2 · Division as a missing factor

To divide, think of the multiplication.

32 ÷ 4: think 4 × ☐ = 32. 4 × 8 = 32, so the answer is **8**.

Learn it · Pack 3 · Facts to 100

Learn the facts in families and check with ones you know.

4 × 9 = 36: double 2 × 9 = 18 to get **36**.

PACK 1 Multiplication Properties

1. 6 × 9 = 54. Write the turn-around fact.

Answer

2. Work out 2 × 7 × 5

Answer

3. Work out 9 × 0

Answer

4. Work out 1 × 8

Answer

5. Use 4 × 7 = (4 × 5) + (4 × ☐). Find ☐.

Answer

6. Find 6 × 7 by breaking 7 into 5 + 2.

Answer

Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

PACK 2 Division as an Unknown Factor

7 Write the four facts in the fact family for 3, 8 and 24.

Answer

8 Find ☐: ☐ × 7 = 63

Answer

9 Work out 48 ÷ 6. Think: 6 × ☐ = 48.

Answer

10 Find ☐: 5 × ☐ = 45

Answer

11 64 cards are put in 8 equal piles. How many in each pile?

Answer

12 Write a division fact that goes with 8 × 5 = 40.

Answer

PACK 3 Facts to 100

13 Work out 7 × 7

Answer

14 Work out 8 × 9

Answer

15 Work out 56 ÷ 8

Answer

16 Fill in the 3 times-table row: 12, 15, ____, 21

Answer

Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

Real life

Read carefully, then show your working

17 A school has 5 classes. Each class has 6 reading groups.
(a) How many reading groups are there? (b) Each group gets 3 new books. How many books is that?

Answer

18 Omar has 35 stamps. He puts 5 stamps on each page.
(a) How many pages does he fill? (b) Write the multiplication that checks it.

Answer

Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

Answer key

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

Pack 1	**1)** 9 × 6 = 54 **2)** 70 **3)** 0 **4)** 8 **5)** 2 **6)** 30 + 12 = 42
Pack 2	**7)** 3 × 8 = 24, 8 × 3 = 24, 24 ÷ 3 = 8, 24 ÷ 8 = 3 **8)** 9 **9)** 8 **10)** 9 **11)** 8 cards **12)** 40 ÷ 8 = 5 or 40 ÷ 5 = 8
Pack 3	**13)** 49 **14)** 72 **15)** 7 **16)** 18
Real life	**17)** (a) 30 groups (b) 90 books **18)** (a) 7 pages (b) 7 × 5 = 35 (or 5 × 7)

Tip: Accept either order in multiplication facts (9 × 6 or 6 × 9). Any correct division fact from the family is fine.

Licensed for use by one family. Please do not share, upload or resell.

Name _____ Date _____

Enjoyed this sample?

This sheet has 18 questions. The full topic has 133, plus 10 unit tests.

Everything a Grade 3 student needs on multiplication and division facts: turn-around facts, multiplying three numbers, breaking a fact into two easier facts, fact families, division as a missing factor, and knowing every times-table fact to 10 × 10.

What you get	What's inside	Questions
Pack 1 · Multiplication Properties	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 3.OA.B.5	46
Pack 2 · Division as an Unknown Factor	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 3.OA.B.6	43
Pack 3 · Facts to 100	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 3.OA.C.7	44
Complete Topic book	All 3 packs in one book with a contents page	133
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.

Licensed for use by one family. Please do not share, upload or resell.