Steady Steps Maths

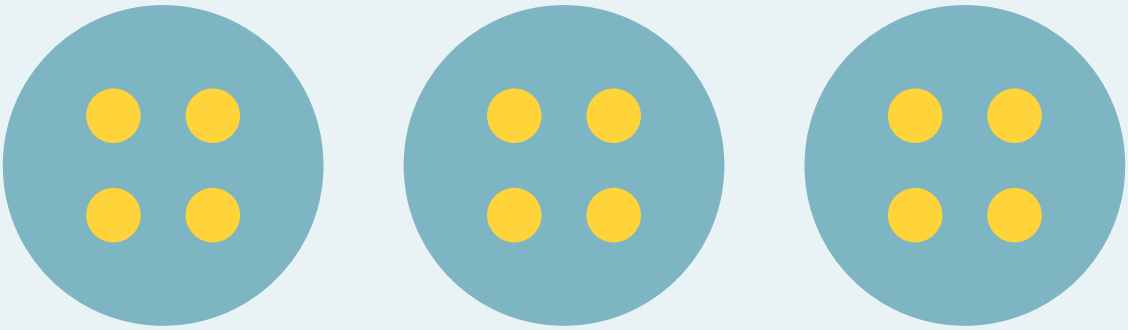
FREE SAMPLE WORKSHEET · TOPIC 1

FREE SAMPLE

Understanding Multiplication & Division

Free sample worksheet · with answers

GRADE 3



3 groups of 4: 3 × 4 = 12

Common Core 3.OA.A.1–4

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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 · Equal groups

Multiplication counts equal groups.

3 bags with 8 apples in each: 3 × 8 = **24** apples.

Learn it · Pack 2 · Sharing and grouping

Division shares equally or makes groups of a size.

30 stickers shared by 5 children: 30 ÷ 5 = **6** each.

Learn it · Pack 3 · Unknown numbers

Use a fact you know to find the missing number.

7 × ☐ = 56. Think 7 × 8 = 56, so ☐ = **8**.

PACK 1 Multiplication as Equal Groups

1 How many dots? Write a multiplication.



Answer

2 Write a multiplication for the array.



Answer

3 Write 9 + 9 + 9 + 9 as a multiplication.

Answer

4 There are 6 vases with 3 flowers in each. How many flowers?

Answer

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5 An array has 2 rows with 6 dots in each row. Write a multiplication and find how many dots.

Answer

6 Which is more: 4 groups of 5 or 3 groups of 7?

Answer

PACK 2 Division as Sharing & Grouping

7 28 pencils are shared equally among 4 children. How many each?

Answer

8 45 eggs go into boxes of 9. How many boxes?

Answer

9 Write a division sentence: 24 in 6 equal groups is 4 in each group.

Answer

10 18 children make teams of 3. How many teams?

Answer

11 Write the multiplication fact that checks 35 ÷ 7 = 5.

Answer

12 A baker puts 60 rolls into bags of 10. How many bags?

Answer

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PACK 3

Word Problems & Unknown Numbers

13 Find ☐: 6 × ☐ = 42

Answer

14 Find ☐: 54 ÷ ☐ = 9

Answer

15 A plank is cut into 3 equal pieces, each 9 cm long. How long was the plank?

Answer

16 Find ☐: ☐ ÷ 5 = 7

Answer

Real life

Read carefully, then show your working

17 A garden has 5 rows of tulips with 8 tulips in each row.
(a) How many tulips are there? (b) They are shared equally into 4 vases. How many go in each vase?

Answer

18 Yara has 32 beads. She makes bracelets with 8 beads each.
(a) How many bracelets can she make? (b) Write the multiplication fact that checks your answer.

Answer

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Answer key

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

Pack 1	**1)** 3 × 5 = 15 (or 5 × 3) **2)** 2 × 8 = 16 (or 8 × 2) **3)** 4 × 9 = 36 **4)** 18 flowers **5)** 2 × 6 = 12 dots **6)** 3 groups of 7 (21 > 20)
Pack 2	**7)** 7 pencils **8)** 5 boxes **9)** 24 ÷ 6 = 4 **10)** 6 teams **11)** 7 × 5 = 35 (or 5 × 7) **12)** 6 bags
Pack 3	**13)** 7 **14)** 6 **15)** 27 cm **16)** 35
Real life	**17)** (a) 40 tulips (b) 10 tulips **18)** (a) 4 bracelets (b) 4 × 8 = 32

Tip: Turn-around facts are fine: 3 × 5 and 5 × 3 both give 15. Every division has a matching multiplication to check it.

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Enjoyed this sample?

This sheet has 18 questions. The full topic has 118, plus 10 unit tests.

Everything a Grade 3 student needs to understand multiplication and division: equal groups and arrays, sharing into equal groups and making groups of a size, word problems within 100, and finding the unknown number in an equation.

What you get	What's inside	Questions
Pack 1 · Multiplication as Equal Groups	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 3.OA.A.1	40
Pack 2 · Division as Sharing & Grouping	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 3.OA.A.2	38
Pack 3 · Word Problems & Unknown Numbers	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 3.OA.A.3–4	40
Complete Topic book	All 3 packs in one book with a contents page	118
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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