Steady Steps Maths

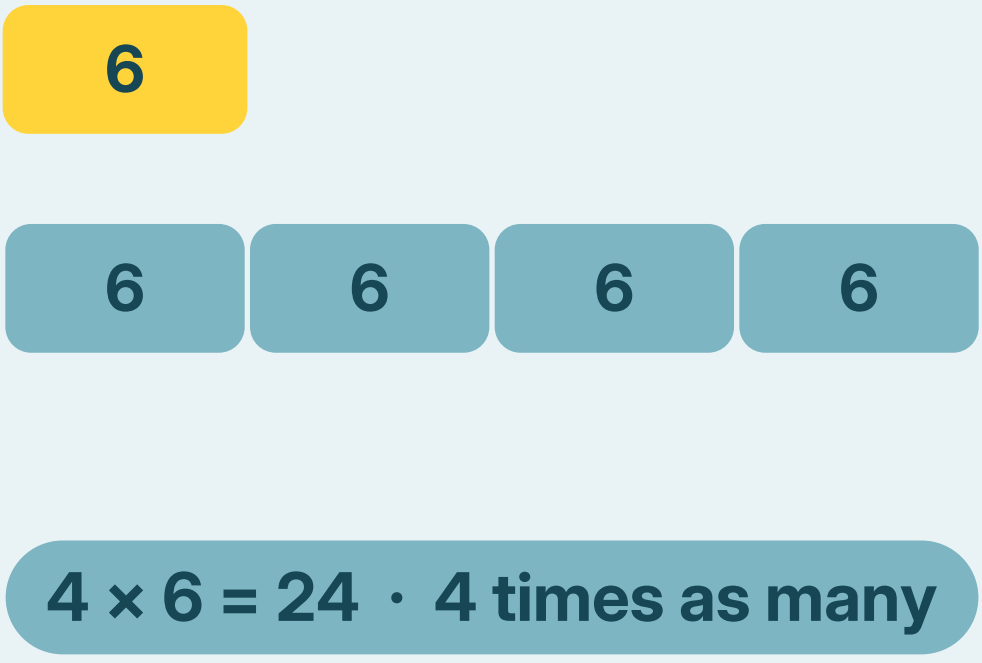
FREE SAMPLE WORKSHEET · TOPIC 1

FREE SAMPLE

Multiplication Comparisons & Word Problems

Free sample worksheet · with answers

GRADE 4



Common Core 4.OA.A.1–3

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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 · Comparing with multiplication

"Times as many" means multiply; "more than" means add.

Sami has 9 cards. Dana has 4 times as many: 4 × 9 = **36**. 4 more would be 9 + 4 = 13.

Learn it · Pack 2 · Multi-step word problems

Use a letter for the unknown. Think about what a remainder means.

58 people, 6 per boat: 58 ÷ 6 = 9 r 4, so **10 boats** are needed.

PACK 1 Comparing with Multiplication

1. Write 56 = 8 × 7 as a comparison sentence.

Answer

2. Write an equation: "45 is 5 times as many as 9".

Answer

3. A kitten is 3 kg. A dog is 6 times as heavy. How heavy is the dog?

Answer

4. A pond is 84 m long, 7 times as long as a path. How long is the path?

Answer

5. A pen costs 6 and a book costs 54. How many times as much is the book?

Answer

6. Rania has 17 beads. Mira has 5 more. How many beads does Mira have?

Answer

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7 Rania has 17 beads. Hiba has 5 times as many. How many does Hiba have?

Answer

8 True or false? 32 is 4 times as many as 8.

Answer

PACK 2 Multi-Step Word Problems

9 Find n: n = 5 × 16 − 23

Answer

10 Find t: t = 72 ÷ 8 + 14

Answer

11 67 eggs go in boxes of 6. How many boxes can be filled?

Answer

12 67 eggs go in boxes of 6. How many boxes are needed for all of them?

Answer

13 53 sweets are shared by 4 children. How many are left over?

Answer

14 Estimate 318 + 586 by rounding to the nearest hundred.

Answer

15 Ali says 7 × 39 = 2,730. Estimate with 7 × 40. Is he right?

Answer

16 Find m: m = 200 − 3 × 25 − 40

Answer

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Real life

Read carefully, then show your working

17 A school hall has 9 rows of 26 chairs. 187 people come to a concert.
(a) How many chairs are there? (b) How many chairs are empty?

Answer

18 A café made 14 cakes on Monday and 3 times as many on Saturday. Each cake is cut into 8 slices.
(a) How many cakes were made on Saturday? (b) How many slices is that?

Answer

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Answer key

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

Pack 1	**1)** e.g. 56 is 8 times as many as 7 (or 7 times as many as 8) **2)** 45 = 5 × 9 **3)** 18 kg **4)** 12 m **5)** 9 times **6)** 22 beads **7)** 85 beads **8)** true (4 × 8 = 32)
Pack 2	**9)** n = 57 **10)** t = 23 **11)** 11 boxes (67 ÷ 6 = 11 r 1) **12)** 12 boxes **13)** 1 (53 ÷ 4 = 13 r 1) **14)** 300 + 600 = 900 **15)** 7 × 40 = 280, so no (7 × 39 = 273) **16)** m = 85
Real life	**17)** (a) 234 (b) 47 **18)** (a) 42 (b) 336

Tip: “5 more than 17” is 17 + 5 = 22, but “5 times as many as 17” is 5 × 17 = 85. Read the words carefully.

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Enjoyed this sample?

This sheet has 18 questions. The full topic has 72, plus 10 unit tests.

Everything a Grade 4 student needs on multiplication comparisons and word problems: reading a multiplication as “times as many”, bar models, telling “times as many” from “more than”, multi-step problems with a letter for the unknown, what a remainder means, and estimating to check an answer.

What you get	What's inside	Questions
Pack 1 · Comparing with Multiplication	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 4.OA.A.1–2	37
Pack 2 · Multi-Step Word Problems	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 4.OA.A.3	35
Complete Topic book	All 2 packs in one book with a contents page	72
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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