Steady Steps Maths

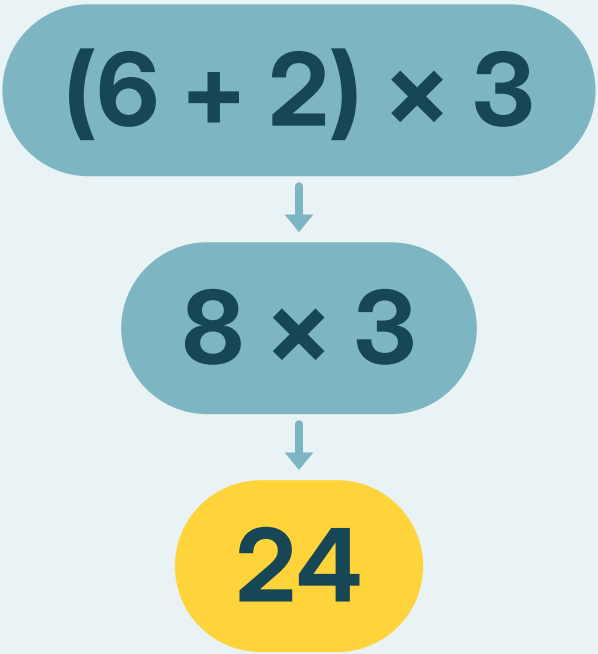
FREE SAMPLE WORKSHEET · TOPIC 1

FREE SAMPLE

Expressions

Free sample worksheet · with answers

GRADE 5



Common Core 5.OA.A.1–2

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 · Grouping symbols

Work inside ( ) first, then [ ], then { }.

Then × and ÷, then + and −.

{2 × [3 + (4 × 2)]} − 1: 4 × 2 = 8, 3 + 8 = 11, 2 × 11 = 22, 22 − 1 = **21**

Learn it · Pack 2 · Writing expressions

"Add 6 and 2, then multiply by 5" → (6 + 2) × 5.

3 × (250 + 75) is 3 times as large as 250 + 75, without working anything out.

PACK 1 Grouping Symbols

1 Work out 20 − 4 × 3.

Answer

2 Work out (20 − 4) × 3.

Answer

3 Work out 36 ÷ (2 + 7).

Answer

4 Work out 5 × [10 − (2 × 3)].

Answer

5 Work out {40 − [6 × (3 + 2)]} ÷ 2.

Answer

6 Put in parentheses to make this true: 3 + 5 × 4 = 32

Answer

7 Put in parentheses to make this true: 24 ÷ 4 + 2 = 4

Answer

8 Which is larger: 2 × 9 + 1 or 2 × (9 + 1)?

Answer

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

Name _____ Date _____

PACK 2

Writing & Interpreting Expressions

9 Write an expression: “add 7 and 8, then multiply by 2”.

Answer

10 Write an expression: “subtract 5 from 30, then divide by 5”.

Answer

11 Write an expression: “multiply 9 by 4, then add 3”.

Answer

12 Write in words: $6 \times (12 + 5)$.

Answer

13 Write in words: $(40 - 15) \div 5$.

Answer

14 Without calculating: how many times as large is $4 \times (918 + 37)$ as $918 + 37$?

Answer

15 Without calculating: which is larger, $(532 + 61) \times 2$ or $532 + 61$?

Answer

16 Without calculating: is 8×145 half as large as 16×145, or twice as large?

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 Amal buys 3 packs of 8 stickers and gets 5 more from a friend.
(a) Write one expression for the number of stickers she has. (b) Work it out.

Answer

18 A class of 24 is split into teams of 4. Then each team gets 2 balls.
(a) Write one expression for the number of balls. (b) Work it out.

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)** 8 **2)** 48 **3)** 4 **4)** 20 **5)** 5 **6)** (3 + 5) × 4 = 32 **7)** 24 ÷ (4 + 2) = 4 **8)** 2 × (9 + 1) = 20 (the other is 19)
Pack 2	**9)** (7 + 8) × 2 **10)** (30 − 5) ÷ 5 **11)** 9 × 4 + 3 **12)** 6 times the sum of 12 and 5 **13)** the difference of 40 and 15, divided by 5 **14)** 4 times **15)** (532 + 61) × 2 **16)** half as large
Real life	**17)** (a) 3 × 8 + 5 (b) 29 **18)** (a) (24 ÷ 4) × 2 (b) 12

Tip: Parentheses change the order: 20 − 4 × 3 = 8, but (20 − 4) × 3 = 48.

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 81, plus 10 unit tests.

Everything a Grade 5 student needs on numerical expressions: the order of operations, using parentheses, brackets and braces, writing expressions from words and situations, and reading expressions without working them out.

What you get	What's inside	Questions
Pack 1 · Grouping Symbols	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 5.OA.A.1	46
Pack 2 · Writing & Interpreting Expressions	Learn-it boxes, worked examples, practice, word problems, self-check and answer key · Common Core 5.OA.A.2	35
Complete Topic book	All 2 packs in one book with a contents page	81
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.