Name: _____ Date: _____

Order of Operations Word Problems

Grades 5–6 • 24 questions • Write one expression with brackets where needed, then work it out

1. A teacher buys 5 boxes of 12 pencils and 8 loose pencils. How many pencils?
   Answer: _____

2. There are 9 rows of 8 chairs. 6 chairs are taken away. How many chairs are left?
   Answer: _____

3. Ava has 24 stickers and gets 16 more. She shares them equally among 4 friends. How many each?
   Answer: _____

4. Leo has $50. He buys 3 books at $12 each. How much money is left?
   Answer: _____

5. 2 adult tickets cost $11 each and 3 child tickets cost $6 each. What is the total?
   Answer: _____

6. A baker makes 6 trays of 15 cookies and sells 48. How many are left?
   Answer: _____

7. Each of 4 friends buys a $5 sandwich and a $2 drink. What do they spend in all?
   Answer: _____

8. Sam saves $35 and then $8 a week for 6 weeks. How much has he saved?
   Answer: _____

9. A class of 30 is split into 5 equal teams, then 2 children leave each team. How many are in each team now?
   Answer: _____

10. A garden is 12 m long and 7 m wide. A path takes up 10 m² of it. How much is left for plants?
    Answer: _____

11. A bus has 45 people. At one stop 12 get off and 8 get on. How many are on the bus now?
    Answer: _____

12. Mum buys 3 kg of rice at $4 a kg and 2 kg of beans at $3 a kg. What is the total?
    Answer: _____

Name: _____ Date: _____

Order of Operations Word Problems

Questions 13 to 24 • Longer stories, areas and volumes, and two-step sharing

13. Write one expression: double the sum of 15 and 9.

Answer: _____

14. A school has 6 classes of 28 children and 4 classes of 25. How many children?

Answer: _____

15. A rope is 60 m long. 4 pieces of 9 m are cut off. How much rope is left?

Answer: _____

16. 72 apples are packed into bags of 8, and each bag sells for $3. How much money is made?

Answer: _____

17. A square has sides of 7 cm. What is its area plus a 10 cm^2 border?

Answer: _____

18. Jo reads 15 pages a day for 6 days, then 20 pages on Sunday. How many pages?

Answer: _____

19. A $90 game is shared by 3 friends, and each also pays a $4 delivery share. How much does each pay?

Answer: _____

20. A cube has edges of 3 cm. What is its volume, minus a 2 cm^3 hollow?

Answer: _____

21. Twins each get $15 a week. They save for 4 weeks, then spend $25 together. How much is left?

Answer: _____

22. A box holds 8 rows of 6 eggs. 9 are broken. The rest are packed in 3 equal trays. How many in each tray?

Answer: _____

23. A cinema has 12 rows of 20 seats. 175 seats are sold. How many are empty?

Answer: _____

24. Stretch: 4 friends share the cost of 3 pizzas at $14 and a $6 delivery fee equally. How much does each pay?

Answer: _____

Answer Key — Order of Operations Word Problems

1. $5 \times 12 + 8 = 68$
2. $9 \times 8 - 6 = 66$
3. $(24 + 16) \div 4 = 10$
4. $50 - 3 \times 12 = 14$
5. $2 \times 11 + 3 \times 6 = 40$
6. $6 \times 15 - 48 = 42$
7. $4 \times (5 + 2) = 28$
8. $35 + 8 \times 6 = 83$
9. $30 \div 5 - 2 = 4$
10. $12 \times 7 - 10 = 74$
11. $45 - 12 + 8 = 41$
12. $3 \times 4 + 2 \times 3 = 18$
13. $2 \times (15 + 9) = 48$
14. $6 \times 28 + 4 \times 25 = 268$
15. $60 - 4 \times 9 = 24$
16. $72 \div 8 \times 3 = 27$
17. $7^2 + 10 = 59$
18. $15 \times 6 + 20 = 110$
19. $90 \div 3 + 4 = 34$
20. $3^3 - 2 = 25$
21. $2 \times 15 \times 4 - 25 = 95$
22. $(8 \times 6 - 9) \div 3 = 13$
23. $12 \times 20 - 175 = 65$
24. $(3 \times 14 + 6) \div 4 = 12$