

Free 7+ Maths Practice Questions with answers

Boost your child's confidence with these challenging maths questions carefully designed to support KS2 maths mastery and early 7+ preparation in the UK. This set includes engaging maths reasoning questions with answers, helping children develop problem-solving skills essential for grammar school entrance exams. Ideal for parents searching for 7+ maths practice. This activity supports learning at home or in tutoring sessions.

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Use the questions below to practice key skills and identify areas your child needs to revisit to secure their understanding and skills. These can either be completed alone or with an adult depending on your child.

Questions

1. Calculate: $24 + 36 \div 6$
2. What is $7 \times 8 - 10$?
3. Find half of 96
4. What is $45 + 27$?
5. Subtract 38 from 90
6. Write 0.5 as a fraction
7. Simplify: $\frac{1}{4} + \frac{1}{2}$
8. A bag has 3 red and 5 blue balls. How many balls in total?
9. Share 20 sweets equally between 4 children. How many each?
10. If one pencil costs 15p, how much do 4 pencils cost?
11. What is the perimeter of a square with side length 6 cm?
12. A rectangle is 8 cm long and 3 cm wide. What is its area?
13. How many degrees are in a right angle?
14. What is $\frac{1}{2}$ of 60?
15. What number comes next: 5, 10, 15, 20, ____
16. Solve: $x + 9 = 15$
17. Solve: $2x = 14$
18. If you have £10 and spend £3.50, how much is left?
19. A class has 20 students. 10 are girls. What fraction are girls?
20. How many minutes are in 2 hours?



21. A train travels 30 km in 1 hour. How far does it travel in 3 hours?
22. A cake is cut into 8 equal slices. How many slices are left if 3 are eaten?
23. Double 18
24. What is $100 - 47$?
25. A number is 6 more than 14. What is the number?



Answers

1. $36 \div 6 = 6$, then $24 + 6 = 30$
2. $7 \times 8 = 56$, $56 - 10 = 46$
3. $96 \div 2 = 48$
4. 72
5. $90 - 38 = 52$
6. $\frac{1}{2}$
7. $\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$
8. 8
9. $20 \div 4 = 5$
10. $15p \times 4 = 60p$
11. $4 \times 6 = 24$ cm
12. $8 \times 3 = 24$ cm²
13. 90°
14. 30
15. 25
16. $x = 6$
17. $x = 7$
18. £6.50
19. $\frac{10}{20} = \frac{1}{2}$
20. 120 minutes
21. $30 \times 3 = 90$ km
22. $8 - 3 = 5$
23. 36
24. 53
25. 20

