

# Grade 7 Ratios & Proportions Missing Number

Ratios & Proportions • Grade 7 • Missing Number • Set A • CCSS 7.RP.2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

*Find the number that belongs in each blank.*

1. Solve:  $8/4 = 48/x$

2.  $4:4 = \_\_\_:12$

3. Solve:  $12/11 = 108/x$

4.  $9:6 = 72:\_\_\_$

5. Solve:  $x/11 = 8/44$

6.  $5:9 = \_\_\_:54$

7. Solve:  $1/x = 9/36$

8.  $9:8 = 72:\_\_\_$

9. Solve:  $x/9 = 28/36$

10.  $8:5 = 64:\_\_\_$

11. Solve:  $x/8 = 12/24$

12.  $2:4 = 6:\_\_\_$

13. Solve:  $5/12 = x/24$

14.  $3:7 = 21:\_\_\_$

15. Solve:  $5/6 = 45/x$

16.  $1:4 = 3:\_\_\_$

17. Solve:  $12/1 = 108/x$

18.  $4:5 = \_\_\_:10$

19. Solve:  $3/1 = x/4$

20.  $5:7 = 25:\_\_\_$

21. Solve:  $3/10 = 24/x$

22.  $5:4 = \_\_\_:28$

23. Solve:  $x/12 = 5/60$

24.  $7:3 = \_\_\_:15$

## Answer Key

### Grade 7 Ratios & Proportions Missing Number — Set A

1.  $x = 24$

2. 12

3.  $x = 99$

4. 48

5.  $x = 2$

6. 30

7.  $x = 4$

8. 64

9.  $x = 7$

10. 40

11.  $x = 4$

12. 12

13.  $x = 10$

14. 49

15.  $x = 54$

16. 12

17.  $x = 9$

18. 8

19.  $x = 12$

20. 35

21.  $x = 80$

22. 35

23.  $x = 1$

24. 35