

Grade 8 Ratios & Proportions Missing Number

Ratios & Proportions • Grade 8 • Missing Number • Set B • CCSS 7.RP.2

Name: _____

Date: _____

Find the number that belongs in each blank.

1. Solve: $3/x = 15/10$

2. $3:9 = 12: \underline{\hspace{1cm}}$

3. Solve: $10/6 = 60/x$

4. $7:7 = \underline{\hspace{1cm}}:49$

5. Solve: $8/x = 40/10$

6. $7:7 = \underline{\hspace{1cm}}:35$

7. Solve: $10/x = 80/32$

8. $2:1 = 6: \underline{\hspace{1cm}}$

9. Solve: $3/3 = 27/x$

10. $6:7 = 42: \underline{\hspace{1cm}}$

11. Solve: $5/9 = x/72$

12. $5:5 = 40: \underline{\hspace{1cm}}$

13. Solve: $x/9 = 64/72$

14. $9:4 = 54: \underline{\hspace{1cm}}$

15. Solve: $x/8 = 36/32$

16. $5:5 = \underline{\hspace{1cm}}:40$

17. Solve: $11/12 = x/84$

18. $3:9 = \underline{\hspace{1cm}}:54$

19. Solve: $x/5 = 40/25$

20. $2:2 = \underline{\hspace{1cm}}:12$

21. Solve: $x/4 = 63/28$

22. $3:3 = 24: \underline{\hspace{1cm}}$

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

24. $5:9 = \underline{\hspace{1cm}}:36$

Answer Key

Grade 8 Ratios & Proportions Missing Number — Set B

1. $x = 2$

9. $x = 27$

17. $x = 77$

2. 36

10. 49

18. 18

3. $x = 36$

11. $x = 40$

19. $x = 8$

4. 49

12. 40

20. 12

5. $x = 2$

13. $x = 8$

21. $x = 9$

6. 35

14. 24

22. 24

7. $x = 4$

15. $x = 9$

23. $x = 12$

8. 3

16. 40

24. 20