

Unknown numerator

The missing number is a numerator. Solve for it.

1. $24/28 = x/7$

$x = \underline{\quad 6 \quad}$

2. $x/9 = 6/27$

$x = \underline{\quad 2 \quad}$

3. $68/40 = x/10$

$x = \underline{\quad 17 \quad}$

4. $x/12 = 6/8$

$x = \underline{\quad 9 \quad}$

5. $14/22 = n/11$

$n = \underline{\quad 7 \quad}$

6. $x/9 = 40/36$

$x = \underline{\quad 10 \quad}$

7. $n/8 = 60/32$

$n = \underline{\quad 15 \quad}$

8. $12/14 = n/7$

$n = \underline{\quad 6 \quad}$

9. $16/12 = n/6$

$n = \underline{\quad 8 \quad}$

10. $n/10 = 9/6$

$n = \underline{\quad 15 \quad}$

11. $n/7 = 36/28$

$n = \underline{\quad 9 \quad}$

12. $x/11 = 40/44$

$x = \underline{\quad 10 \quad}$

Unknown denominator

The missing number is a denominator. Solve for it.

1. $12/n = 24/10$

$n = \underline{\quad 5 \quad}$

2. $6/22 = 3/n$

$n = \underline{\quad 11 \quad}$

3. $14/8 = 7/n$

$n = \underline{\quad 4 \quad}$

4. $6/x = 9/3$

$x = \underline{\quad 2 \quad}$

5. $11/x = 44/12$

$x = \underline{\quad 3 \quad}$

6. $10/n = 15/18$

$n = \underline{\quad 12 \quad}$

7. $4/22 = 2/x$

$x = \underline{\quad 11 \quad}$

8. $8/20 = 4/x$

$x = \underline{\quad 10 \quad}$

9. $7/n = 14/24$

$n = \underline{\quad 12 \quad}$

10. $36/56 = 9/n$

$n = \underline{\quad 14 \quad}$

11. $6/x = 3/9$

$x = \underline{\quad 18 \quad}$

12. $8/x = 24/33$

$x = \underline{\quad 11 \quad}$

Mixed proportions

Solve for the missing number. It may be on the top or the bottom.

1. $33/45 = 11/x$

$x = \underline{\quad 15 \quad}$

2. $52/44 = x/11$

$x = \underline{\quad 13 \quad}$

3. $12/x = 8/2$

$x = \underline{\quad 3 \quad}$

4. $3/9 = 4/n$

$n = \underline{\quad 12 \quad}$

5. $8/n = 16/22$

$n = \underline{\quad 11 \quad}$

6. $x/10 = 22/20$

$x = \underline{\quad 11 \quad}$

7. $16/20 = 12/x$

$x = \underline{\quad 15 \quad}$

8. $3/n = 9/21$

$n = \underline{\quad 7 \quad}$

9. $4/2 = n/5$

$n = \underline{\quad 10 \quad}$

10. $n/6 = 21/18$

$n = \underline{\quad 7 \quad}$

11. $n/8 = 9/12$

$n = \underline{\quad 6 \quad}$

12. $36/39 = 12/n$

$n = \underline{\quad 13 \quad}$