

Find Part of a Number

Alicia had a basket with 15 cookies in it. Her friends ate $\frac{2}{3}$ of the cookies. How many cookies did her friends eat?

Find $\frac{2}{3}$ of 15.

Divide the total number by the denominator of the fraction.

Total number	↓	15	÷	3	=	5
↓	↓	↓		↓		↓
Denominator of fraction				Quotient		

Multiply the quotient by the numerator of the fraction.

Numerator of fraction	↓	2	×	5	=	10
↓	↓	↓		↓		↓
Quotient				Fractional part of the number		

$\frac{2}{3}$ of 15 is 10.

Alicia's friends ate 10 cookies.

Find the fractional part of each number.

1. $\frac{1}{2}$ of 14

2. $\frac{3}{4}$ of 12

3. $\frac{2}{5}$ of 10

4. $\frac{2}{3}$ of 9

5. $\frac{3}{5}$ of 20

6. $\frac{1}{6}$ of 18

7. $\frac{4}{4}$ of 12

8. $\frac{3}{7}$ of 14

9. $\frac{2}{9}$ of 18

10. $\frac{2}{3}$ of 21

11. $\frac{5}{9}$ of 27

12. $\frac{5}{6}$ of 30

13. $\frac{4}{5}$ of 25

14. $\frac{3}{7}$ of 21

15. $\frac{5}{8}$ of 24

16. $\frac{1}{3}$ of 30
