

Fractions of a Whole Number 1

Think about what happens when you find half of a number. Yes we divide it by 2. The **denominator** is 2. This gives us a clue as to how we can find other **fractions of whole numbers**. First divide the **whole number** by the **denominator** and then multiply the answer by the **numerator**.

Example: $\frac{2}{5}$ of 20

Step 1: $20 \div 5 = 4$

Step 2: $4 \times 2 = 8$

So $\frac{2}{5}$ of 20 = 8

Complete the following table using the same method.

<i>Fraction of Whole Number</i>	<i>Calculation</i>	<i>New Number</i>
$\frac{1}{4}$ of 12	$12 \div 4 = 3. 3 \times 1 = 3$	$\frac{1}{4}$ of 12 = 3
$\frac{2}{3}$ of 18		
$\frac{1}{2}$ of 10		
$\frac{1}{3}$ of 12		
$\frac{4}{5}$ of 20		
$\frac{2}{6}$ of 24		
$\frac{5}{7}$ of 28		
$\frac{7}{10}$ of 50		
$\frac{3}{8}$ of 48		
$\frac{12}{20}$ of 100		

FRACTIONS OF A WHOLE NUMBER 1 - ANSWERS

<i>Fraction of Whole Number</i>	<i>Calculation</i>	<i>New Number</i>
$\frac{1}{4}$ of 12	$12 \div 4 = 3. 3 \times 1 = 3$	$\frac{1}{4}$ of 12 = 3
$\frac{2}{3}$ of 18	$18 \div 3 = 6. 6 \times 2 = 12$	$\frac{2}{3}$ of 18 = 12
$\frac{1}{2}$ of 10	$10 \div 2 = 5. 5 \times 1 = 5$	$\frac{1}{2}$ of 10 = 5
$\frac{1}{3}$ of 12	$12 \div 3 = 4. 4 \times 1 = 4$	$\frac{1}{3}$ of 12 = 4
$\frac{4}{5}$ of 20	$20 \div 5 = 4. 4 \times 4 = 16$	$\frac{4}{5}$ of 20 = 16
$\frac{2}{6}$ of 24	$24 \div 6 = 4. 4 \times 2 = 8$	$\frac{2}{6}$ of 24 = 8
$\frac{5}{7}$ of 28	$28 \div 7 = 4. 4 \times 5 = 20$	$\frac{5}{7}$ of 28 = 20
$\frac{7}{10}$ of 50	$50 \div 10 = 5. 5 \times 7 = 35$	$\frac{7}{10}$ of 50 = 35
$\frac{3}{8}$ of 48	$48 \div 8 = 6. 6 \times 3 = 18$	$\frac{3}{8}$ of 48 = 18
$\frac{12}{20}$ of 100	$100 \div 20 = 5. 5 \times 12 = 60$	$\frac{12}{20}$ of 100 = 60