

## Mathematics

### Grade 4 – Unit 7 Practice Worksheet

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

**\*NOTE: This is not a necessary task to do, it is shared for personal practice at home.**

Q. Identify the numerator and Denominator and then write the fraction of shaded part.

	Numerator	Denominator	Fraction
			
			
			
			



Q. Convert the following fractions to percentages

$$1) \frac{1}{2} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$10) \frac{4}{5} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$2) \frac{3}{10} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$11) \frac{7}{20} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$3) \frac{7}{10} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$12) \frac{7}{50} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$4) \frac{1}{4} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$13) \frac{4}{25} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$5) \frac{1}{5} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$14) \frac{9}{20} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$6) \frac{3}{4} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$15) \frac{11}{50} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$7) \frac{2}{5} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$16) \frac{6}{5} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$8) \frac{9}{10} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$17) \frac{5}{2} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$9) \frac{1}{20} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

$$18) \frac{7}{4} = \frac{\underline{\hspace{2cm}}}{100} = \underline{\hspace{2cm}} \%$$

Q. Simplify the given fractions

$$\frac{12}{15} = \underline{\hspace{2cm}}$$

$$\frac{12}{30} = \underline{\hspace{2cm}}$$

$$\frac{18}{36} = \underline{\hspace{2cm}}$$

$$\frac{30}{60} = \underline{\hspace{2cm}}$$

$$\frac{6}{18} = \underline{\hspace{2cm}}$$

$$\frac{7}{14} = \underline{\hspace{2cm}}$$

$$\frac{16}{48} = \underline{\hspace{2cm}}$$

Q. Find fractions of given whole numbers.

$$1. \frac{2}{3} \text{ of } 36 = \underline{\hspace{2cm}}$$

$$6. \frac{4}{5} \text{ of } 35 = \underline{\hspace{2cm}}$$

$$2. \frac{5}{7} \text{ of } 70 = \underline{\hspace{2cm}}$$

$$7. \frac{9}{11} \text{ of } 99 = \underline{\hspace{2cm}}$$

$$3. \frac{4}{5} \text{ of } 45 = \underline{\hspace{2cm}}$$

$$8. \frac{5}{6} \text{ of } 66 = \underline{\hspace{2cm}}$$

$$4. \frac{3}{8} \text{ of } 72 = \underline{\hspace{2cm}}$$

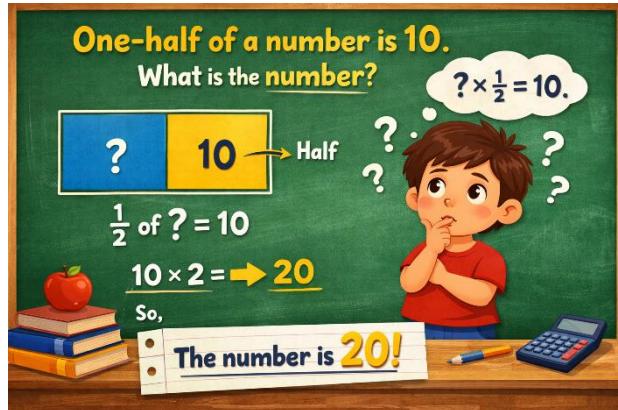
$$9. \frac{9}{10} \text{ of } 80 = \underline{\hspace{2cm}}$$

$$5. \frac{2}{7} \text{ of } 28 = \underline{\hspace{2cm}}$$

$$10. \frac{7}{12} \text{ of } 96 = \underline{\hspace{2cm}}$$

## Finding whole when a fraction is given

**Example:** One-half of a number is 10. What is the number?

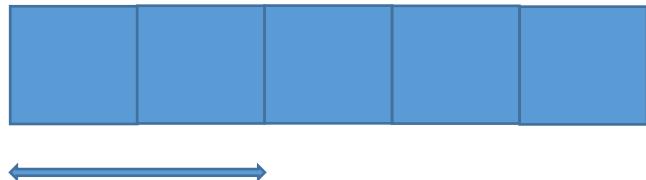


**Solve on the same pattern:**

1. One-third of a number is 9. What is the number?
2. One-quarter of a number is 6. What is the number?
3. One-fifth of a number is 7. What is the number?

4.  $\frac{2}{5}$  of a number is 20. What is the number?

Hint:



20

Q. Convert the improper fractions to mixed numbers

$$1. \frac{9}{4} = \underline{\quad}$$

$$6. \frac{66}{10} = \underline{\quad}$$

$$2. \frac{26}{7} = \underline{\quad}$$

$$7. \frac{50}{8} = \underline{\quad}$$

$$3. \frac{15}{6} = \underline{\quad}$$

$$8. \frac{69}{11} = \underline{\quad}$$

$$4. \frac{22}{5} = \underline{\quad}$$

$$9. \frac{84}{9} = \underline{\quad}$$

$$5. \frac{29}{3} = \underline{\quad}$$

$$10. \frac{67}{8} = \underline{\quad}$$

Q. Complete the table by writing equivalent fractions, decimals and percentages.

Fraction	Decimal	Percent
$\frac{3}{100}$	0.03	3%
	0.47	
		86%
	0.25	
$\frac{31}{100}$		

Q. Fill the missing numbers

Fraction	Percentage	Decimal	Fraction	Percentage	Decimal
$\frac{1}{10} = \frac{10}{100}$	= 10 %	= 0.1	$\frac{10}{10} = \frac{100}{100}$	= 80 %	= 0.
$\frac{7}{10} = \frac{70}{100}$	= %	= 0.	$\frac{10}{10} = \frac{100}{100}$	= 30 %	= 0.
$\frac{2}{10} = \frac{20}{100}$	= %	= 0.	$\frac{10}{10} = \frac{100}{100}$	= %	= 0.9
$\frac{10}{10} = \frac{100}{100}$	= %	= 0.5	$\frac{10}{10} = \frac{100}{100}$	= %	= 0.4

Fraction	Percentage	Decimal	Fraction	Percentage	Decimal
Example $\frac{7}{100}$	= 7 %	= 0.07	$\frac{100}{100}$	%	0.15
$\frac{6}{100}$	= %	= 0.	$\frac{100}{100}$	91 %	0.
$\frac{100}{100}$	= 3 %	= 0.	$\frac{100}{100}$	38 %	0.
$\frac{100}{100}$	= %	= 0.08	$\frac{88}{100}$	%	0.

Q. What do these diagrams show? Write your answer as a mixed number and as an improper fraction

