

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) $\frac{1}{2} = \frac{\quad}{100} = \quad\%$

10) $\frac{4}{5} = \frac{\quad}{100} = \quad\%$

2) $\frac{3}{10} = \frac{\quad}{100} = \quad\%$

11) $\frac{7}{20} = \frac{\quad}{100} = \quad\%$

3) $\frac{7}{10} = \frac{\quad}{100} = \quad\%$

12) $\frac{7}{50} = \frac{\quad}{100} = \quad\%$

4) $\frac{1}{4} = \frac{\quad}{100} = \quad\%$

13) $\frac{4}{25} = \frac{\quad}{100} = \quad\%$

5) $\frac{1}{5} = \frac{\quad}{100} = \quad\%$

14) $\frac{9}{20} = \frac{\quad}{100} = \quad\%$

6) $\frac{3}{4} = \frac{\quad}{100} = \quad\%$

15) $\frac{11}{50} = \frac{\quad}{100} = \quad\%$

7) $\frac{2}{5} = \frac{\quad}{100} = \quad\%$

16) $\frac{6}{5} = \frac{\quad}{100} = \quad\%$

8) $\frac{9}{10} = \frac{\quad}{100} = \quad\%$

17) $\frac{5}{2} = \frac{\quad}{100} = \quad\%$

9) $\frac{1}{20} = \frac{\quad}{100} = \quad\%$

18) $\frac{7}{4} = \frac{\quad}{100} = \quad\%$

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.

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

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

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

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

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

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

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

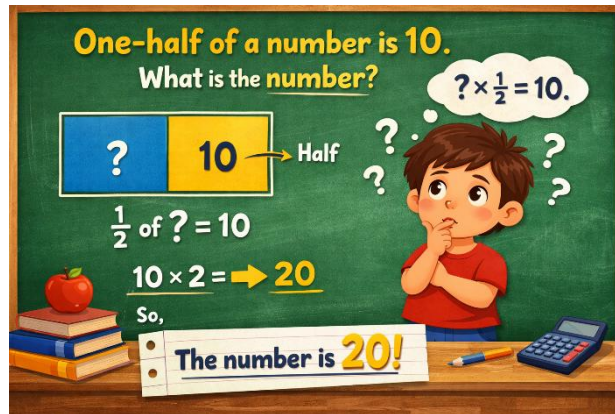
$$9. \frac{9}{10} \text{ of } 80 = \underline{\hspace{2cm}}$$

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

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

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. $\frac{9}{4} = \underline{\hspace{2cm}}$

6. $\frac{66}{10} = \underline{\hspace{2cm}}$

2. $\frac{26}{7} = \underline{\hspace{2cm}}$

7. $\frac{50}{8} = \underline{\hspace{2cm}}$

3. $\frac{15}{6} = \underline{\hspace{2cm}}$

8. $\frac{69}{11} = \underline{\hspace{2cm}}$

4. $\frac{22}{5} = \underline{\hspace{2cm}}$

9. $\frac{84}{9} = \underline{\hspace{2cm}}$

5. $\frac{29}{3} = \underline{\hspace{2cm}}$

10. $\frac{67}{8} = \underline{\hspace{2cm}}$

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
Example $\frac{1}{10} = \frac{10}{100} = 10\% = 0.1$			$\frac{8}{10} = \frac{\quad}{100} = 80\% = 0.$		
$\frac{7}{10} = \frac{\quad}{100} = \quad\% = 0.$			$\frac{3}{10} = \frac{\quad}{100} = 30\% = 0.$		
$\frac{2}{10} = \frac{\quad}{100} = \quad\% = 0.$			$\frac{9}{10} = \frac{\quad}{100} = \quad\% = 0.9$		
$\frac{5}{10} = \frac{\quad}{100} = \quad\% = 0.5$			$\frac{4}{10} = \frac{\quad}{100} = \quad\% = 0.4$		

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

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

