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Grade 6 Maths Worksheets

Aligned with the DepEd MATATAG curriculum (DepEd Order No. 10, s. 2024) · one worksheet per quarter, each with an answer key

Quarter 1: Adding and subtracting decimals, Multiplying and dividing by 10, 100, 1000, Multiplying and dividing fractions, Mixed numbers

Quarter 2: Ratio, Proportion, Percent, Percent in real life, Exponents and GEMDAS

Quarter 3: Volume of cubes and prisms, Converting cm^3 and litres, Area of plane figures, Circumference

Quarter 4: Area of a circle, Reading graphs, GCF and LCM

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Grade 6 Maths · Quarter 1

MATATAG curriculum · Adding and subtracting decimals ·
Multiplying and dividing by 10, 100, 1000 · Multiplying and dividing
fractions · Mixed numbers



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Name: _____

Date: _____

Score: _____

1 $0.514 + 0.170 = ?$
.....

2 $88.04 \times 10 = ?$
.....

3 $3/5 \times 3/4 = ?$ (simplest form)
.....

4 Write **3 1/6** as an improper fraction.
.....

5 $0.503 + 0.226 = ?$
.....

6 $96.03 \div 10 = ?$
.....

7 $3/4 \div 5/6 = ?$ (simplest form)
.....

8 Write **23/5** as a mixed number.
.....

9 $0.513 - 0.406 = ?$
.....

10 $63.19 \times 10 = ?$
.....

11 $1/8 \div 5/7 = ?$ (simplest form)
.....

12 Write **10/7** as a mixed number.
.....

13 $0.915 - 0.146 = ?$
.....

14 $94.87 \div 1,000 = ?$
.....

15 $4/9 \times 1/7 = ?$ (simplest form)
.....

16 Write **2 4/6** as an improper fraction.
.....

17 $0.194 + 0.376 = ?$
.....

18 $83.2 \times 1,000 = ?$
.....



Answer key · Grade 6 Maths · Quarter 1

Sheet number 6101 · aligned with the DepEd MATATAG Mathematics curriculum



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#	Question	Answer
1	$0.514 + 0.170 = ?$	0.684
2	$88.04 \times 10 = ?$	880.4
3	$3/5 \times 3/4 = ?$ (simplest form)	9/20
4	Write $3 \frac{1}{6}$ as an improper fraction.	19/6
5	$0.503 + 0.226 = ?$	0.729
6	$96.03 \div 10 = ?$	9.603
7	$3/4 \div 5/6 = ?$ (simplest form)	9/10
8	Write $23/5$ as a mixed number.	$4 \frac{3}{5}$
9	$0.513 - 0.406 = ?$	0.107
10	$63.19 \times 10 = ?$	631.9
11	$1/8 \div 5/7 = ?$ (simplest form)	7/40
12	Write $10/7$ as a mixed number.	$1 \frac{3}{7}$
13	$0.915 - 0.146 = ?$	0.769
14	$94.87 \div 1,000 = ?$	0.0949
15	$4/9 \times 1/7 = ?$ (simplest form)	4/63
16	Write $2 \frac{4}{6}$ as an improper fraction.	16/6
17	$0.194 + 0.376 = ?$	0.570
18	$83.2 \times 1,000 = ?$	83200



Grade 6 Maths · Quarter 2

MATATAG curriculum · Ratio · Proportion · Percent · Percent in real life · Exponents and GEMDAS



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Name: _____

Date: _____

Score: _____

1 Write the ratio **21 : 24** in simplest form.

2 A tap fills 14 litres in 2 minutes. How many litres does it fill in 7 minutes?

3 **$\frac{3}{4}$** is the same as what percent?

4 A bag costs ₱240. It is **20% off**. What is the sale price?

5 $3 + 9 \times 2 - 7 = ?$

6 Write the ratio **14 : 4** in simplest form.

7 6 pencils cost ₱48. At the same price, how much do 7 pencils cost?

8 **$\frac{2}{5}$** is the same as what percent?

9 A bag costs ₱1,120. It is **50% off**. What is the sale price?

10 $(9 + 4) \times 6 - 6 = ?$

11 Write the ratio **21 : 15** in simplest form.

12 A tap fills 12 litres in 3 minutes. How many litres does it fill in 5 minutes?

13 **$\frac{3}{10}$** is the same as what percent?

14 A bag costs ₱480. It is **30% off**. What is the sale price?

15 $4^2 + 9 \times 6 = ?$

16 The ratio of boys to girls is 3 : 4. There are 6 boys. How many girls are there?

17 4 pencils cost ₱36. At the same price, how much do 5 pencils cost?

18 What is **25% of 80**?



Answer key · Grade 6 Maths · Quarter 2

Sheet number 6201 · aligned with the DepEd MATATAG Mathematics curriculum



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#	Question	Answer
1	Write the ratio 21 : 24 in simplest form.	7 : 8
2	A tap fills 14 litres in 2 minutes. How many litres does it fill in 7 minutes?	49
3	$\frac{3}{4}$ is the same as what percent?	75%
4	A bag costs ₱240. It is 20% off. What is the sale price?	₱192
5	$3 + 9 \times 2 - 7 = ?$	14
6	Write the ratio 14 : 4 in simplest form.	7 : 2
7	6 pencils cost ₱48. At the same price, how much do 7 pencils cost?	₱56
8	$\frac{2}{5}$ is the same as what percent?	40%
9	A bag costs ₱1,120. It is 50% off. What is the sale price?	₱560
10	$(9 + 4) \times 6 - 6 = ?$	72
11	Write the ratio 21 : 15 in simplest form.	7 : 5
12	A tap fills 12 litres in 3 minutes. How many litres does it fill in 5 minutes?	20
13	$\frac{3}{10}$ is the same as what percent?	30%
14	A bag costs ₱480. It is 30% off. What is the sale price?	₱336
15	$42 + 9 \times 6 = ?$	70
16	The ratio of boys to girls is 3 : 4. There are 6 boys. How many girls are there?	8
17	4 pencils cost ₱36. At the same price, how much do 5 pencils cost?	₱45
18	What is 25% of 80?	20



Grade 6 Maths · Quarter 3

MATATAG curriculum · Volume of cubes and prisms · Converting cm^3 and litres · Area of plane figures · Circumference



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Name: _____

Date: _____

Score: _____

1 A box is 9 cm long, 5 cm wide and 9 cm high. What is its volume?
.....

2 $3 \text{ L} = \underline{\hspace{1cm}} \text{ cm}^3$
.....

3 A parallelogram has a base of 12 cm and a height of 8 cm. What is its area?
.....

4 A circle has a radius of 14 cm. Using $\pi \approx 22/7$, what is its **circumference**?
.....

5 A box is 9 cm long, 8 cm wide and 4 cm high. What is its volume?
.....

6 $8 \text{ L} = \underline{\hspace{1cm}} \text{ cm}^3$
.....

7 A parallelogram has a base of 10 cm and a height of 3 cm. What is its area?
.....

8 A circle has a radius of 21 cm. Using $\pi \approx 22/7$, what is its **circumference**?
.....

9 A box is 11 cm long, 5 cm wide and 7 cm high. What is its volume?
.....

10 $9 \text{ L} = \underline{\hspace{1cm}} \text{ cm}^3$
.....

11 A trapezoid has parallel sides of 10 cm and 13 cm and a height of 6 cm. What is its area?
.....

12 A circle has a radius of 7 cm. Using $\pi \approx 22/7$, what is its **circumference**?
.....

13 A box is 5 cm long, 4 cm wide and 5 cm high. What is its volume?
.....

14 $7 \text{ L} = \underline{\hspace{1cm}} \text{ cm}^3$
.....

15 A trapezoid has parallel sides of 20 cm and 18 cm and a height of 3 cm. What is its area?
.....

16 A circle has a radius of 7 cm. Using $\pi \approx 3.14$, what is its **circumference**?
.....

17 A box is 9 cm long, 8 cm wide and 6 cm high. What is its volume?
.....

18 $8 \text{ L} = \underline{\hspace{1cm}} \text{ cm}^3$
.....



Answer key · Grade 6 Maths · Quarter 3

Sheet number 6301 · aligned with the DepEd MATATAG Mathematics curriculum



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#	Question	Answer
1	A box is 9 cm long, 5 cm wide and 9 cm high. What is its volume?	405 cm ³
2	3 L = ____ cm ³	3,000
3	A parallelogram has a base of 12 cm and a height of 8 cm. What is its area?	96 cm ²
4	A circle has a radius of 14 cm. Using $\pi \approx 22/7$, what is its circumference?	88 cm
5	A box is 9 cm long, 8 cm wide and 4 cm high. What is its volume?	288 cm ³
6	8 L = ____ cm ³	8,000
7	A parallelogram has a base of 10 cm and a height of 3 cm. What is its area?	30 cm ²
8	A circle has a radius of 21 cm. Using $\pi \approx 22/7$, what is its circumference?	132 cm
9	A box is 11 cm long, 5 cm wide and 7 cm high. What is its volume?	385 cm ³
10	9 L = ____ cm ³	9,000
11	A trapezoid has parallel sides of 10 cm and 13 cm and a height of 6 cm. What is its area?	69 cm ²
12	A circle has a radius of 7 cm. Using $\pi \approx 22/7$, what is its circumference?	44 cm
13	A box is 5 cm long, 4 cm wide and 5 cm high. What is its volume?	100 cm ³
14	7 L = ____ cm ³	7,000
15	A trapezoid has parallel sides of 20 cm and 18 cm and a height of 3 cm. What is its area?	57 cm ²
16	A circle has a radius of 7 cm. Using $\pi \approx 3.14$, what is its circumference?	43.96 cm
17	A box is 9 cm long, 8 cm wide and 6 cm high. What is its volume?	432 cm ³
18	8 L = ____ cm ³	8,000



Grade 6 Maths · Quarter 4

MATATAG curriculum · Area of a circle · Reading graphs · GCF and LCM



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Name: _____

Date: _____

Score: _____

- 1 A circle has a radius of 2 cm. Using $\pi \approx 3.14$, what is its **area**?

- 2 The graph shows fruits sold. How many  were sold?



- 3 What is the **LCM** of 4 and 6?

- 4 A circle has a radius of 21 cm. Using $\pi \approx 22/7$, what is its **circumference**?

- 5 The graph shows fruits sold. How many  were sold?



- 6 What is the **LCM** of 4 and 9?

- 7 A circle has a radius of 14 cm. Using $\pi \approx 22/7$, what is its **area**?

- 8 How many more were sold of the fruit with more:  or ? Find the difference.



- 9 What is the **GCF** of 35 and 42?

- 10 A circle has a radius of 5 cm. Using $\pi \approx 3.14$, what is its **area**?



Answer key · Grade 6 Maths · Quarter 4

Sheet number 6401 · aligned with the DepEd MATATAG Mathematics curriculum



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#	Question	Answer
1	A circle has a radius of 2 cm. Using $\pi \approx 3.14$, what is its area?	12.56 cm ²
2	The graph shows fruits sold. How many 🍎 were sold? <i>(picture)</i>	20
3	What is the LCM of 4 and 6?	12
4	A circle has a radius of 21 cm. Using $\pi \approx 22/7$, what is its circumference?	132 cm
5	The graph shows fruits sold. How many 🍇 were sold? <i>(picture)</i>	40
6	What is the LCM of 4 and 9?	36
7	A circle has a radius of 14 cm. Using $\pi \approx 22/7$, what is its area?	616 cm ²
8	How many more were sold of the fruit with more: 🍌 or 🍇? Find the difference. <i>(picture)</i>	20
9	What is the GCF of 35 and 42?	7
10	A circle has a radius of 5 cm. Using $\pi \approx 3.14$, what is its area?	78.50 cm ²