



**THIRD SPACE  
LEARNING**

# Dividing Multi-Digit Numbers Worksheet

Number and Quantity

**Grades 6 to 8**

## Skill Questions

Name: .....

Date: .....

1 Solve  $816 \div 24$  using the standard algorithm.

Answer

2 Solve  $8,207 \div 29$  using the standard algorithm.

Answer

3 Solve  $2,340 \div 3$  using the standard algorithm.

Answer

4 Solve  $4,720 \div 20$  using the standard algorithm.

Answer

5 Solve  $61,945 \div 65$  using the standard algorithm.

Answer

## Dividing Multi-Digit Numbers Worksheet | Grades 6 to 8

- 6 Solve  $986 \div 5$  using the standard algorithm. Write the remainder as a decimal.

Answer

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- 7 Solve  $3,915 \div 6$  using the standard algorithm. Write the remainder as a decimal.

Answer

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- 8 Solve  $4,566 \div 12$  using the standard algorithm. Write the remainder as a decimal.

Answer

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- 9 Solve  $9,302 \div 25$  using the standard algorithm. Write the remainder as a decimal.

Answer

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- 10 Solve  $8,001 \div 42$  using the standard algorithm. Write the remainder as a decimal.

Answer

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## Applied Questions

- 11** Mrs. Thompson's 6th grade class collected 1,386 cans of food during their food drive. They have to split the cans into 22 boxes. How many cans will go into each box?

Answer

- 12** Kendrick was reading a 480 page book. He read 20 pages each day. How many days will it take for Kendrick to read the whole book?

Answer

- 13** Tickets for the Homecoming Dance were \$12 each. A total of \$6,756 was collected. How many tickets were sold for the dance?

Answer

## Dividing Multi-Digit Numbers Worksheet | Grades 6 to 8

- 14** A farmer collected 3,444 pounds of pecans from his pecan orchard. There are 82 trees. If each produced the same number of pounds, how many pounds of pecans did each pecan tree produce?

Answer

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- 15** A non-profit raised \$4,320 during a fundraiser. If they split the money they earned equally among 15 projects, how much money will each project receive?

Answer

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## Answers

Question number	Question	Answers	Standard
1	Solve $816 \div 24$ using the standard algorithm.	34	6.NS.B.2
2	Solve $8,207 \div 29$ using the standard algorithm.	283	6.NS.B.2
3	Solve $2,340 \div 3$ using the standard algorithm.	780	6.NS.B.2
4	Solve $4,720 \div 20$ using the standard algorithm.	236	6.NS.B.2
5	Solve $61,945 \div 65$ using the standard algorithm.	953	6.NS.B.2
6	Solve $986 \div 5$ using the standard algorithm. Write the remainder as a decimal.	197.2	6.NS.B.2
7	Solve $3,915 \div 6$ using the standard algorithm. Write the remainder as a decimal.	652.5	6.NS.B.2
8	Solve $4,566 \div 12$ using the standard algorithm. Write the remainder as a decimal.	380.5	6.NS.B.2
9	Solve $9,302 \div 25$ using the standard algorithm. Write the remainder as a decimal.	372.08	6.NS.B.2
10	Solve $8,001 \div 42$ using the standard algorithm. Write the remainder as a decimal.	190.5	6.NS.B.2

## Dividing Multi-Digit Numbers Worksheet | Grades 6 to 8 | Answers




Question number	Question	Answers	Standard
11	Mrs. Thompson's 6th grade class collected 1,386 cans of food during their food drive. They have to split the cans into 22 boxes. How many cans will go into each box?	63 cans	6.NS.B.2
12	Kendrick was reading a 480 page book. He read 20 pages each day. How many days will it take for Kendrick to read the whole book?	24 days	6.NS.B.2
13	Tickets for the Homecoming Dance were \$12 each. A total of \$6,756 was collected. How many tickets were sold for the dance?	563 tickets	6.NS.B.2
14	A farmer collected 3,444 pounds of pecans from his pecan orchard. There are 82 trees. If each produced the same number of pounds, how many pounds of pecans did each pecan tree produce?	42 pounds of pecans	6.NS.B.2
15	A non-profit raised \$4,320 during a fundraiser. If they split the money they earned equally among 15 projects, how much money will each project receive?	\$288	6.NS.B.2

## Do you have a group of students who need a boost in math?

Each student could receive a personalized lesson every week from our specialist one-on-one math tutors.

- ✓ Differentiated instruction for each student
- ✓ Aligned to your state's standard
- ✓ Scaffolded learning to close gaps

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