



**THIRD SPACE  
LEARNING**

# Prime Numbers Worksheet

Number and Quantity

**Grades 4 to 5**

## Skill Questions

Name: .....

Date: .....

- 1 Determine which number is a prime number.

12, 23, 32, 45

Answer

- 2 Determine which number is a prime number.

5, 15, 25, 36

Answer

- 3 Determine which number is a prime number.

6, 14, 65, 97

Answer

- 4 Determine which number is a prime number.

88, 73, 40, 22

Answer

- 5 Determine which number is a prime number.

99, 75, 41, 35

Answer

## Prime Numbers Worksheet | Grades 4 to 5

6 Determine which number is a prime number.

42, 59, 66, 74

Answer

7 Determine which number is a prime number.

16, 24, 29, 44

Answer

8 Determine which number is a prime number.

9, 13, 18, 21

Answer

9 Determine which number is a prime number.

90, 82, 65, 53

Answer

10 Determine which number is a prime number.

48, 57, 77, 83

Answer

## Applied Questions

- 11** Jason was told to list all of the prime numbers between 60 and 80. His list is shown below.

61, 67, 71, 79

Which prime number is missing from Jason's list?

Answer

- 12** The Johnson kids checked the balance in their checking accounts. The list shows the amount of money each child had in their bank account.

Phillip - \$49.00

Andy - \$71.00

Tony - \$36.00

Which child's balance is a prime number?

Answer

- 13** Tabatha said that 2 is a prime number because it only has 2 factors. Lilly says that 2 is a composite number because all even numbers are composite. Who is correct?

Answer



- 14 Sasha and Serena were adding up the number of points they scored in their basketball games from the weekend.

Sasha - 10, 7, 13

Serena - 3, 12, 8

Which girl's total number of points is a prime number?

Answer

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- 15 Terrance was looking at the menu at the local skating rink.

Hot dog - \$4.00

Soda - \$2.00

Slice of pizza - \$5.00

Pickle - \$1.00

What two items could Terrance purchase that would give him a prime number?

Answer

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## Answers

Question number	Question	Answers	Standard
1	Determine which number is a prime number.  12, 23, 32, 45	23	4.OA.B.4
2	Determine which number is a prime number.  5, 15, 25, 36	5	4.OA.B.4
3	Determine which number is a prime number.  6, 14, 65, 97	97	4.OA.B.4
4	Determine which number is a prime number.  88, 73, 40, 22	73	4.OA.B.4
5	Determine which number is a prime number.  99, 75, 41, 35	41	4.OA.B.4
6	Determine which number is a prime number.  42, 59, 66, 74	59	4.OA.B.4
7	Determine which number is a prime number.  16, 24, 29, 44	29	4.OA.B.4

## Prime Numbers Worksheet | Grades 4 to 5 | Answers

Question number	Question	Answers	Standard
8	Determine which number is a prime number.  9, 13, 18, 21	13	4.OA.B.4
9	Determine which number is a prime number.  90, 82, 65, 53	53	4.OA.B.4
10	Determine which number is a prime number.  48, 57, 77, 83	83	4.OA.B.4
11	Jason was told to list all of the prime numbers between 60 and 80. His list is shown below.  61, 67, 71, 79  Which prime number is missing from Jason's list?	73 is missing from the list.	4.OA.B.4
12	The Johnson kids checked the balance in their checking accounts. The list shows the amount of money each child had in their bank account.  Phillip - \$49.00 Andy - \$71.00 Tony - \$36.00  Which child's balance is a prime number?	Andy's balance is a prime number.	4.OA.B.4

## Prime Numbers Worksheet | Grades 4 to 5 | Answers




Question number	Question	Answers	Standard
13	Tabatha said that 2 is a prime number because it only has 2 factors. Lilly says that 2 is a composite number because all even numbers are composite. Who is correct?	Tabatha	4.OA.B.4
14	<p>Sasha and Serena were adding up the number of points they scored in their basketball games from the weekend.</p> <p>Sasha - 10, 7, 13</p> <p>Serena - 3, 12, 8</p> <p>Which girl's total number of points is a prime number?</p>	<p>Serena;</p> <p>Sasha - <math>10 + 7 + 13 = 30</math></p> <p>Serena - <math>3 + 12 + 8 = 23</math></p>	4.OA.B.4
15	<p>Terrance was looking at the menu at the local skating rink.</p> <p>Hot dog - \$4.00</p> <p>Soda - \$2.00</p> <p>Slice of pizza - \$5.00</p> <p>Pickle - \$1.00</p> <p>What two items could Terrance purchase that would give him a prime number?</p>	<p>Answers vary:</p> <p>Hot dog and pickle; or, Soda and piece of pizza; or, soda and pickle</p>	4.OA.B.4

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