



**THIRD SPACE
LEARNING**

Estimation Worksheet

Number and Quantity

Grades 4 to 5

Skill Questions

Name:

Date:

- 1 Estimate the sum by rounding to the nearest thousand.

$$5,698 + 3,687$$

Answer

- 2 Estimate the difference by using compatible numbers:

$$2,519 - 756$$

Answer

- 3 Estimate the difference by rounding to the nearest thousand.

$$12,028 - 7,388$$

Answer

- 4 Estimate the products by rounding to the nearest compatible number:

$$2,793 \times 8$$

Answer

- 5 Estimate the quotients by rounding to the nearest compatible number:

$$1,215 \div 7$$

Answer

Estimation Worksheet | Grades 4 to 5

- 6 Estimate the product by rounding to the nearest compatible number:
 5.6×9.1

Answer

- 7 Estimate the product by rounding to the nearest compatible number:
 151.6×6.7

Answer

- 8 Estimate the product by rounding to the nearest compatible number:
 $3,093 \times 23.6$

Answer

- 9 Estimate the quotient by rounding to the nearest compatible number:
 $605.98 \div 3.2$

Answer

- 10 Estimate the quotient by rounding to the nearest compatible number:
 $955.98 \div 25.2$

Answer

Applied Questions

- 11** There are 554 crayons in 9 pencil boxes. Estimate how many crayons there are in each pencil box.

Answer

- 12** A new car costs \$21,016 and a new truck costs \$43,187. Estimate the cost of both a new car and new truck.

Answer

- 13** Jasmine collected 1,254 box tops for her school. Carolyn collected 786 box tops. About how many more box tops did Jasmine collect than Carolyn?

Answer

- 14** Maria and her three friends went out for lunch. The total bill was \$118.94 and they split it evenly. Estimate how much each person paid for lunch.

Answer

- 15** Carson is buying boxes of cookies for the company holiday party. Each box of cookies costs \$8.99 and he needs 44 boxes. About how much money will Carson spend on the boxes of cookies?

Answer

Answers

Question number	Question	Answers	Standard
1	Estimate the sum by rounding to the nearest thousand. $5,698 + 3,687$	$6,000 + 4,000 = 10,000$	4.NBT.A.3
2	Estimate the difference by using compatible numbers: $2,519 - 756$	$2,500 - 800 = 1,700$	4.NBT.A.3
3	Estimate the difference by rounding to the nearest thousand. $12,028 - 7,388$	$12,000 - 7,000 = 5,000$	4.NBT.A.3
4	Estimate the products by rounding to the nearest compatible number: $2,793 \times 8$	$2,800 \times 10 = 28,000$	4.NBT.A.3
5	Estimate the quotients by rounding to the nearest compatible number: $1,215 \div 7$	$1,200 \div 6 = 200$	4.NBT.A.3
6	Estimate the product by rounding to the nearest compatible number: 5.6×9.1	$6 \times 9 = 54$	5.NBT.A.4
7	Estimate the product by rounding to the nearest compatible number: 151.6×6.7	$150 \times 7 = 1,050$	5.NBT.A.4
8	Estimate the product by rounding to the nearest compatible number: $3,093 \times 23.6$	$3,100 \times 25 = 77,500$	5.NBT.A.4
9	Estimate the quotient by rounding to the nearest compatible number: $605.98 \div 3.2$	$600 \div 3 = 200$	5.NBT.A.4

Estimation Worksheet | Grades 4 to 5 | Answers




Question number	Question	Answers	Standard
10	Estimate the quotient by rounding to the nearest compatible number: $955.98 \div 25.2$	$1,000 \div 25 = 40$	5.NBT.A.4
11	There are 554 crayons in 9 pencil boxes. Estimate how many crayons there are in each pencil box.	$540 \div 9 = 60$ crayons	4.NBT.A.3
12	A new car costs \$21,016 and a new truck costs \$43,187. Estimate the cost of both a new car and new truck.	$21,000 + 43,000 = \$64,000$	4.NBT.A.3
13	Jasmine collected 1,254 box tops for her school. Carolyn collected 786 box tops. About how many more box tops did Jasmine collect than Carolyn?	$1,200 - 800 = 400$ box tops	4.NBT.A.3
14	Maria and her three friends went out for lunch. The total bill was \$118.94 and they split it evenly. Estimate how much each person paid for lunch.	$\$120 \div 4 = \30	5.NBT.A.4
15	Carson is buying boxes of cookies for the company holiday party. Each box of cookies costs \$8.99 and he needs 44 boxes. About how much money will Carson spend on the boxes of cookies?	$\$10 \times 45 = \450	5.NBT.A.4

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