



**THIRD SPACE
LEARNING**

Word Problems

11 number and base 10
questions to develop reasoning
and problem solving skills

Grade 3

Questions

Name:

Date:

- 1 Shayne is bird watching. He rounds the actual number to the nearest ten and says, "I saw about 300 birds."

What are three possible actual amounts of birds that Shayne saw?

Answers

- 2 A book has 167 pages. Ezra reads 85 pages. How many pages are left in the book?

Answer

- 3 Kiyo's soccer practice lasts 90 minutes. Kiyo has 4 practices each week. How many minutes does Kiyo practice soccer each week?

Answer

4 I have four digit cards.

I can only use each digit card once when making a number.



a What is the largest number I can make?

b Round the number to the nearest 10.

c Round the number to the nearest 100.

5 A sheet has 50 stickers. Eva has 9 sheets. How many stickers does Eva have in all?

Answer

6 A school buys 650 shirts with their name and mascot. If they sell 214 the first week, how many shirts are left to sell?

Answer

- 7 Each class at Shady Elementary is raising money. Class A raised \$228. Class B raised \$304 and Class C raised \$298.
Round each class total to the nearest 10.

Class A	Class B	Class C

- 8 Some friends play a computer game. They record the points they get.

Andi: 153

Jane: 145

Petra: 514

How many points did they get in all?

Answer

- 9 A store had 781 books. They sold 235 books.

Round the number of books the store had and the number of books sold to the nearest hundred, then use the numbers to estimate the answer.

The store has *about* books now.

- 10 Dante needs 650 hamburger buns for a cookout. Hamburger buns come in packs of 8. Dante has 70 packs. How many more hamburger buns does Dante need?

Answer

Challenge Question!

When this three digit number is rounded to the nearest ten, the sum of the digits is 15. If the hundreds digit is 9 and the ones digit is 5, what is the number?

Answer

Answers

Question number	Question	Answers	Standard
1	Shayne is bird watching. He rounds the actual number to the nearest ten and says, "I saw about 300 birds." What are three possible actual amounts of birds that Shayne saw?	Any numbers from 295 to 304	3.NBT.A.1
2	A book has 167 pages. Ezra reads 85 pages. How many pages are left in the book?	$167 - 85 = 82$ *solved using models, place value strategies, or properties of operations	3.NBT.A.2
3	Kiyo's soccer practice lasts 90 minutes. Kiyo has 4 practices each week. How many minutes does Kiyo practice soccer each week?	$90 \times 4 = 360$ minutes *solved using place value strategies or properties of operations	3.NBT.A.3
4	a) What is the largest number I can make? b) Round the number to the nearest 10. c) Round the number to the nearest 100.	a) 8,732 b) 8,730 c) 8,800	3.NBT.A.1
5	A sheet has 50 stickers. Eva has 9 sheets. How many stickers does Eva have in all?	450 stickers *solved with place value strategies or properties of operations	3.NBT.A.3

Question number	Question	Answers	Standard
6	A school buys 650 shirts with their name and mascot. If they sell 214 the first week, how many shirts are left to sell?	$650 - 214 = 436$ *solved using models, place value strategies, or properties of operations	3.NBT.A.2
7	Each class at Shady Elementary is raising money. Class A raised \$228. Class B raised \$304 and Class C raised \$298. Round each class total to the nearest 10.	Class A: \$230 Class B: \$300 Class C: \$300	3.NBT.A.1
8	Some friends play a computer game. They record the points they get. Andi: 153 Jane: 145 Petra: 514 How many points did they get in all?	$153 + 145 + 514 = 812$ *solved using models, place value strategies, or properties of operations	3.NBT.A.2
9	A store had 781 books. They sold 235 books. Round the number of books the store had and the number of books sold to the nearest hundred, then use the numbers to estimate the answer. The store has <i>about</i> ? books now.	$800 - 200 = 600$ The store has about 600 books now.	3.NBT.A.1 3.NBT.A.2

Question number	Question	Answers	Standard
10	Dante needs 650 hamburger buns for a cookout. Hamburger buns come in packs of 8. Dante has 70 packs. How many more hamburger buns does Dante need?	$70 \times 8 = 560$ $650 - 560 = 90$ more buns *solved using models, place value strategies, or properties of operations	3.NBT.A.3
Challenge Question	When this three digit number is rounded to the nearest ten, the sum of the digits is 15. If the hundreds digit is 9 and the ones digit is 5, what is the number?	915	3.NBT.A.1

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

Speak to us

-  thirdspacelearning.com/us/
-  +1 929-298-4593
-  hello@thirdspacelearning.com



THIRD SPACE
LEARNING