



THIRD SPACE
LEARNING

Addition and Subtraction Check for Understanding

A 15 question retrieval quiz for
students in grades 2, 3, 4 and
7.

Grades 2, 3, 4 and 7

Questions

Name:

Class:

Date:

Score:

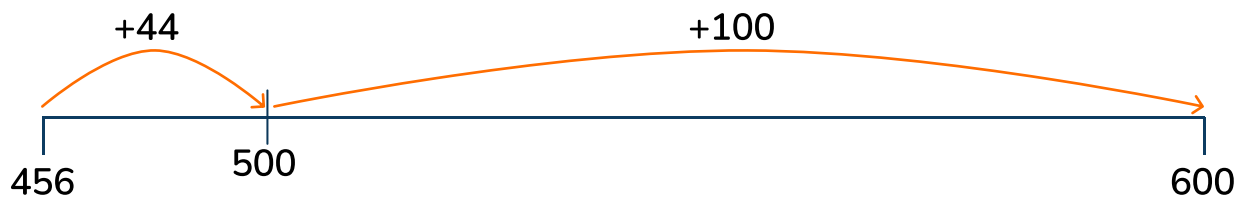
- 1 Sherry has a large fish tank with 32 fish. She has a small tank with 17 fish. How many more fish does the large fish tank have? Write an equation and solve.

Answer

- 2 Solve $264 + 78$.

Answer

- 3 Diego used a number line to solve $602 - 456$. He got the answer 144.



Explain how Diego solved the problem and fix any mistakes he made.

Answer

4 Solve.

	3	4	5	6	0
-	1	5	4	9	1

5 Solve.

	2	6	7	7
+	5	3	1	8

6 A pilot flew 2,560 miles on Monday. On Tuesday she flew 571 less miles. How many miles did the pilot fly on Monday and Tuesday?

Answer

7 The temperature in the morning was -9° . By the afternoon it was 11° . Write an equation that shows the change in temperature.

Answer

8 Solve $-11 + -6$.

Answer

9 Solve $3 - 11$.

Answer

10 Write the equation shown by the model.

Answer

11 Solve $-14\frac{2}{3} + 9\frac{1}{8}$.

Answer

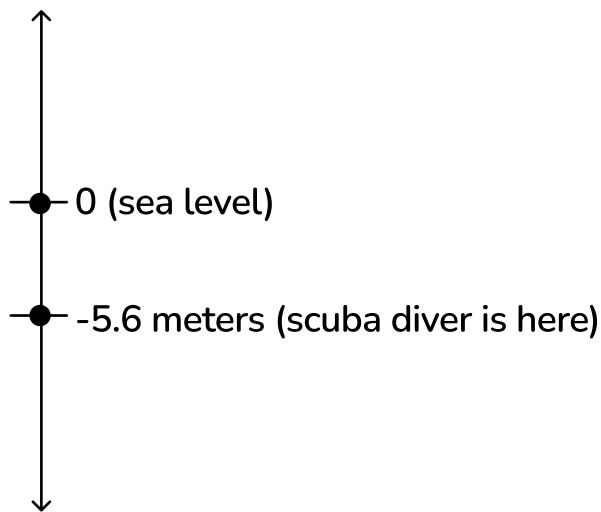
12 Solve $678.2 - 781.04$.

Answer

13 Solve $-\frac{2}{3} - (-\frac{5}{6})$.

Answer

- 14** The number line shows where a scuba diver is compared to sea level. If the diver goes down 2.14 meters more, where will they be?
Show your answer on the number line.



Answer

- 15** Write a word problem that is solved by $-45.12 + 32.10$, then solve it.

Answer

Answers

Question number	Question	Answers	Standard
1	Sherry has a large fish tank with 32 fish. She has a small tank with 17 fish. How many more fish does the large fish tank have? Write an equation and solve.	$32 - 17 = 15$ *Solved with strategies based on place value, properties of operations, and/or the relationship between addition and subtraction	2.NBT.B.5
2	Solve $264 + 78$.	342 *Solved with strategies based on place value, properties of operations, and/or the relationship between addition and subtraction	3.NBT.A.2
3	Diego used the number line to solve $602 - 456$. He got the answer 144. Explain how Diego solved the problem and fix any mistakes he made.	Diego was seeing how far it was from 456 to 602, but he needs to go 2 more. Then his answer would be $44 + 100 + 2 = 146$.	3.NBT.A.2
4	Solve $34,560 - 15,491$	19,069	4.NBT.B.4
5	Solve $2,677 + 5,318$	7,995	4.NBT.B.4
6	A pilot flew 2,560 miles on Monday. On Tuesday she flew 571 less miles. How many miles did the pilot fly on Monday and Tuesday?	Tuesday: $2,560 - 571 = 1,989$. Monday and Tuesday: $2,560 + 1,989 = 4,549$ miles	4.NBT.B.4 4.OA.A.3




Question number	Question	Answers	Standard
7	The temperature in the morning was -9° . By the afternoon it was 11° . Write an equation that shows the change in temperature.	$-9 + 20 = 11$	7.NS.A.1 7.NS.A.3
8	Solve $-11 + -6$.	-17	7.NS.A.1d
9	Solve $3 - 11$.	-8	7.NS.A.1d
10	Write the equation shown by the model.	$-6 - (-4) = -2$	7.NS.A.1c
11	Solve $-14\frac{2}{3} + 9\frac{1}{8}$.	$-5\frac{13}{24}$	7.NS.A.1
12	Solve $678.2 - 781.04$.	-102.84	7.NS.A.1
13	Solve $-\frac{2}{3} - (-\frac{5}{6})$.	$\frac{1}{6}$	7.NS.A.1
14	The number line shows where a scuba diver is compared to sea level. If the diver goes down 2.14 meters more, where will they be? Show your answer on the number line.	-7.14m marked below -5.6m	7.NS.A.1 7.NS.A.3
15	Write a word problem that is solved by $-45.12 + 32.10$, then solve it.	**Word problems will vary $-45.12 + 32.10 = -13.02$	7.NS.A.1 7.NS.A.3

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

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