LESSON MAKER PRO

Rational Number Relay

Add and subtract fractions, mixed numbers, and decimals.

GRADE 5 · TEKS 5.3.K

5.3.K "add and subtract positive rational numbers fluently; and"

NAME _____ DATE _____

LINE UP AND COMBINE

For decimals, line up the decimal points and add zeros if needed. For fractions, use a common denominator before you add or subtract. You can change mixed numbers to improper fractions when that makes the work easier.

WORKED EXAMPLE

2.46 + 1.3

1. Line up the decimal points: 2.46 + 1.30
2. Add the hundredths and tenths: 0.46 + 0.30 = 0.76
3. Add the ones: 2 + 1 = 3

Answer: 3.76

PRACTICE 6 problems

1 7.2 - 0.85

ANSWER _____

2 1/6 + 1/3

ANSWER _____

3 4 1/4 - 2 2/3

ANSWER _____

4 0.48 + 3.07

ANSWER _____

5 5/9 + 1/6

ANSWER _____

6 6 3/5 + 7/10

ANSWER _____

APPLY IT Show your work

1 Jordan planned to ride 4 1/2 miles on a scooter. After riding 1 3/4 miles, how many miles does Jordan still need to ride?

WORK SPACE

ANSWER _____

2 The school music club raised $5.60 on Monday and $2.85 on Tuesday. How much money did the club raise altogether?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A craft club has 5 1/6 pounds of clay. The club uses 2 3/4 pounds, then gets 1 2/3 more pounds. How many pounds of clay does the club have now?

WORK SPACE AND ANSWER

ANSWER KEY

Rational Number Relay

GRADE 5 · TEKS 5.3.K

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	7.2 - 0.85	**6.35**
2	1/6 + 1/3	**1/2**
3	4 1/4 - 2 2/3	**1 7/12**
4	0.48 + 3.07	**3.55**
5	5/9 + 1/6	**13/18**
6	6 3/5 + 7/10	**7 3/10**

PART 2 · APPLY IT

1. **2 3/4 miles** Subtract 1 3/4 from 4 1/2. Rename the fractions with fourths: 4 2/4 - 1 3/4 = 2 3/4.
2. **$8.45** Line up the decimal points and add 5.60 + 2.85. The total is 8.45 dollars.

CHALLENGE

4 1/12 pounds

Accept equivalent fraction forms and improper fractions when they equal the correct value. For decimal answers, accept trailing zeros, such as 3.550 for 3.55.