

ADD & SUBTRACT

Decimals & Whole Numbers

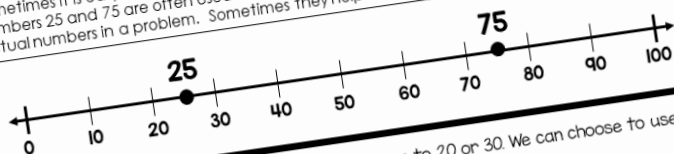
Worksheets

MARVELMath

Compatible Numbers

Estimating with Addition & Subtraction Problems

Sometimes it is easy to use compatible numbers instead of rounding to estimate. The numbers 25 and 75 are often used as compatible numbers if they are very close to the actual numbers in a problem. Sometimes they help us get a closer estimate than rounding.



Circle numbers that are closer to 25 than they are to 20 or 30. We can choose to use 25 instead of these numbers when we estimate.

20 21 22 23 24 25 26 27 28 29 30

Circle numbers
instead of the

70 71

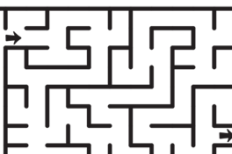
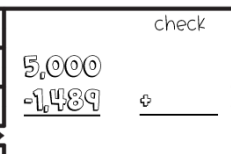
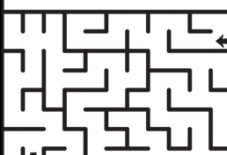
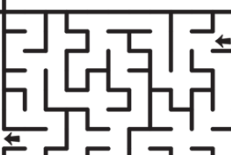
Round to the
nearest ten

$$\begin{array}{r} 20 \\ + 40 \\ \hline 60 \end{array}$$

Round to the
nearest ten

Subtraction Mazes

Subtracting Across Zeros

$\begin{array}{r} 1,000 \\ - 347 \\ \hline \end{array}$ check		$\begin{array}{r} 5,000 \\ - 1,489 \\ \hline \end{array}$ check	
	$\begin{array}{r} 3,000 \\ - 2,263 \\ \hline \end{array}$ check		$\begin{array}{r} 1,000 \\ - 952 \\ \hline \end{array}$ check
$\begin{array}{r} 8,000 \\ - 5,890 \\ \hline \end{array}$ check		$\begin{array}{r} 1,000 \\ - 467 \\ \hline \end{array}$ check	

Reasonable Estimates

Use rounding or compatible numbers to estimate the sum or difference of the problems below.

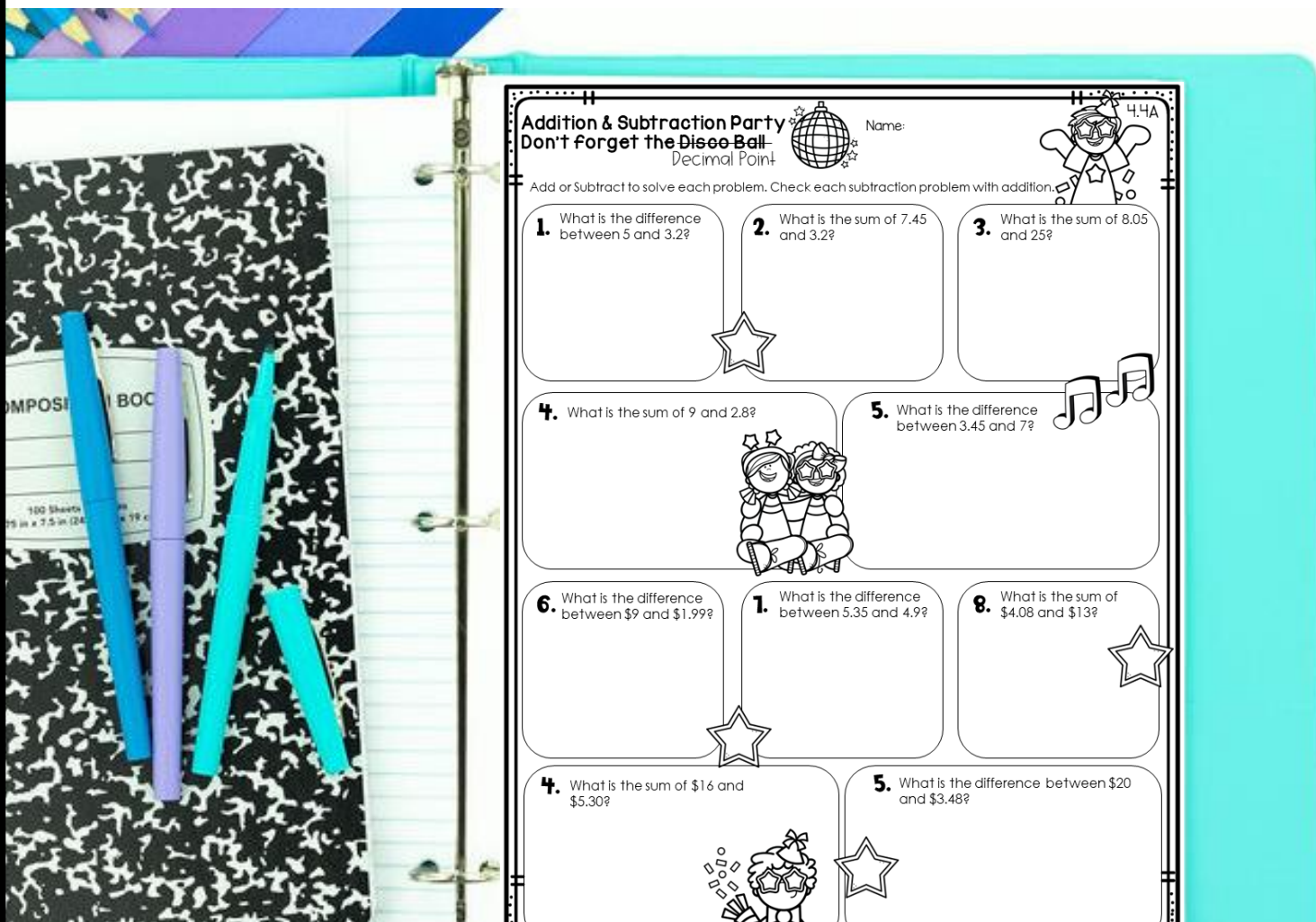
- 1 Round to the nearest hundred to estimate.
$$\begin{array}{r} 3,458 \\ + 239 \\ \hline \end{array}$$
- 2 Round to the nearest hundred to estimate.
$$\begin{array}{r} 1,652 \\ + 182 \\ \hline \end{array}$$
- 3 Round to the nearest thousand to estimate.
$$\begin{array}{r} 55,970 \\ - 12,345 \\ \hline \end{array}$$

4th
GRADE

Easy-to-Use

No Prep Worksheets

for stations, seatwork,
tutoring, or homework



Addition & Subtraction Party Don't Forget the Disco Ball!

Decimal Point

Name: _____

Add or Subtract to solve each problem. Check each subtraction problem with addition.

1. What is the difference between 5 and 3.2?

2. What is the sum of 7.45 and 3.2?

3. What is the sum of 8.05 and 25?

4. What is the sum of 9 and 2.8?

5. What is the difference between 3.45 and 7?

6. What is the difference between \$9 and \$1.99?

7. What is the difference between 5.35 and 4.9?

8. What is the sum of \$4.08 and \$13?

4. What is the sum of \$16 and \$5.30?

5. What is the difference between \$20 and \$3.48?

Fun & Engaging

Practice Students Need

4.4A

Name: _____

Addition & Subtraction Problemas

Add or Subtract to solve each problem. Check each subtraction problem with addition.

1.

$$\begin{array}{r} 3,903 \\ + 762 \\ \hline \end{array}$$


2.

$$\begin{array}{r} 70,344 \\ + 58,239 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 8,034 \\ - 985 \\ \hline \end{array}$$

check



4.

$$\begin{array}{r} 5,230 \\ - 1,702 \\ \hline \end{array}$$

check



5.

$$\begin{array}{r} 7,000 \\ - 496 \\ \hline \end{array}$$

check



6.

$$\begin{array}{r} 92,924 \\ + 43,763 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 109,173 \\ + 97,512 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 72,333 \\ - 64,323 \\ \hline \end{array}$$

check

9.

$$\begin{array}{r} 58,700 \\ - 19,045 \\ \hline \end{array}$$

check



10.

$$\begin{array}{r} 50,000 \\ - 9,999 \\ \hline \end{array}$$

check

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Print & Go Practice

Let's Do Lunch
Adding and Subtracting Decimals

Name: _____

4.4A

Read the instruction for each problem and use the Let's Do Lunch page to select items you want to purchase.

1 Pick 2 items you want to purchase. How much change will you receive when you pay with a \$10 bill?

Item 1: _____ Cost: _____

Item 2: _____ Cost: _____

Change Received: _____

2 Pick 2 items you want to purchase. Calculate the change you would receive if paying with a \$10 bill.

Item 1: _____ Cost: _____

Item 2: _____ Cost: _____

Change Received: _____

3 Pick 3 items you want to purchase. How much change will you receive when pay with a \$20 bill.

Item 1: _____ Cost: _____

Item 2: _____ Cost: _____

Item 3: _____ Cost: _____

Change Received: _____

4 Pick 3 items you want to purchase. How much change will get if you give the cashier \$15.

Item 1: _____ Cost: _____

Item 2: _____ Cost: _____

Item 3: _____ Cost: _____

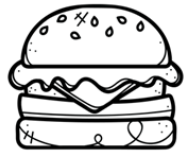
Change Received: _____

Let's Do Lunch
Adding and Subtracting Decimals

4.4A




8-PIECE CHICKEN NUGGETS
\$4.25


HAMBURGER
\$2.97


SALAD
\$5.49


FRIES
\$1.99


CHICKEN WRAP
\$5.99


APPLE
\$0.99






MARVELMath

12 Student Pages

- Aligned to 4th grade standards
- Build Conceptual Understanding
- Practice Skills

Making Matches

Estimating with Addition & Subtraction Problems

Important Vocabulary:

Deposit – money placed into your account at a bank or credit union.

Withdraw – money taken out of your account at a bank or credit union.

Balance – the total amount of money in an account.

Benefits of keeping money in a savings account at a bank or credit union:

- They keep your money safe
- You can earn interest on your money

- 1 Ellie had \$5,972 in her bank account. She deposited \$497 into her account. What is a good estimate of the balance of Ellie's account now?



- 2 Jonathan had \$3,803 in his bank account. He withdrew \$189. What is a good estimate of the balance of Jonathan's account now?



- 3 Max had \$23,614 in his college savings account. He deposited \$149. What is a good estimate of the balance of Max's account now?



- 4 Isabel had \$19,962 in her college savings account. She withdrew \$7,459 to pay for her first semester of college. What is a good estimate of the balance of Isabel's account balance now?



Making Matches Cards

Cut apart the cards below. Read each word problem on the Making Matches page that uses appropriate numbers to find the closest estimate. Glue the card to the page. Solve both the actual problem and find the estimate. You will only use one card.

Actual	Estimate
\$5,972	→ 6,000
+ 497	→ + 500

Actual	Estimate
\$5,972	→ 5,970
+ 497	→ + 490

Actual	Estimate
\$3,803	→ 3,700
- 189	→ - 200

Actual	Estimate
\$23,614	→ 23,600
+ 149	→ + 100

Actual	Estimate
\$23,614	→ 23,000
+ 149	→ + 150

Actual	Estimate
\$19,962	→ 20,000
- 7,459	→ - 8,000

Let's Go Shopping

Adding and Subtracting Decimals



Pineapple
\$3.49 each



Coconut
\$2.99 each



Head of Lettuce
\$0.96 each



Celery
\$1.74 each



Bell Pepper
\$1.45 each



Bunch of Broccoli
\$1.99 each



Cucumber
\$0.89 each



Peach
\$0.99 each



Ear of Corn
\$1.74 each

MARVEL Math

Teacher Key is Included!

Let's Do Lunch **KEY**  4.4A:

Adding and Subtracting Decimals

Read the instruction for each problem and use the Let's Do Lunch page to select items you want to purchase.

1 Pick 2 items you want to purchase. How much change will you receive when you pay with a \$10 bill?

Item 1: Salad Cost: \$5.49

Item 2: Bottled Water Cost: \$1.49

CHANGE RECEIVED : \$3.02

Sample Responses are shown. If you want all answers to be the same, have students select the items used on this page.

The open ended nature of this printable allows you to re-use the same activity several times for review, intervention, tutoring, test prep, etc.

2 Pick 2 items you want to purchase. Calculate the change you would receive if paying with a \$10 bill.

Item 1: Chicken Nuggets Cost: \$4.25

Item 2: Fries Cost: \$1.99

CHANGE RECEIVED: \$3.76

3 Pick 3 items you want to purchase. How much change will you receive when pay with a \$20 bill.

Item 1: Chicken Wrap Cost: \$5.99

Item 2: Apple Cost: \$0.99

Item 3: Froyo Cost: \$3.75

CHANGE RECEIVED: \$9.27

4 Pick 3 items you want to purchase. How much change will get if you give the cashier \$15.

Item 1: Hamburger Cost: \$2.97

Item 2: Fries Cost: \$1.99

Item 3: Slushie Cost: \$3.99

CHANGE RECEIVED: \$6.05

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About the Author

This resource was created by Melissa Johnson, who has 16 years of k-10 teaching experience and a masters degree in Mathematics Education. Her resources build conceptual understanding, make connections between math topics and engage students in the mathematics they are learning.

