

You
need
your
brain!

2.1 Decimals: Mental Math

Use mental math to do each of the calculations:

A.) $4.2 + 3.7$

B.) $5.8 + 4.3$

C.) $\$43.28 - \12.19

- Once you have mentally solved the problems discuss multiple ways of solving each problem with your group.
- Example: Explain two ways you can solve each problem.

2.2 Rounding Whole Numbers & Decimals

You need: white board, dry
erase marker, and dry marker
eraser

Focus: How can you round whole numbers and decimals?

Round each number to the place of the underlined digit. Solve the problems on a white board: 😊

A.) 643.25

C.) 18.22

B.) 12.345

D.) 0.472

Once all your group members are finished share and discuss your answers.

2.3 Estimating Sums & Differences

 Estimate each sum and difference on your white board:

A.) $49 + 22$

B.) $86 - 19$

C.) $79 + 32$

D.) $51 - 18$

E.) $847 - 379$

F.) $3,856 + 2,357$

You need: white
board, dry erase
marker, and dry
eraser

Once each group member has completed their estimates
discuss answers and strategies whole group.   

2.5 Problem Solving: Draw a Picture &

You need: white
board, dry erase
marker, and dry eraser

Write an Equation

Draw a picture to represent the problems below. Write an equation. Then solve. Once each group member has finished share answers & discuss strategies.

A.) Julie has \$43.96. Her friend borrowed \$3.28. How much money will Julie have when her friend pays her back?

B.) Samuel is having a birthday party and needs to make 50 goodie bags. He has 21 already made. How many more goodie bags does Samuel need to make for each person at his party to have one?



2.6 Adding Decimals

You need: white board, dry erase marker, and dry eraser

Solve each problem on your white board. Once everyone is finished discuss answers and strategies with your group.

A.) The Bobby family spend \$18.22 on lunch and \$7.54 on dessert. How much money did they spend at the restaurant?

B.) Alexandra has \$11.95 in her bank account. Her grandmother gave her \$25.55 for her birthday present. If Alexandra deposits the \$ her grandmother gave her how much money will she have in her bank account?

C.) At the mall Keira bought a shirt at Hollister for \$21.75 then she went to American Eagle and bought a sweatshirt for \$35.10, after she went to the Auntie Ann's and bought a pretzel and lemonade for \$6.54. How much money did she spend at the mall?

2.7 Subtracting Decimals

Solve each problem on your white board. Once everyone is finished discuss answers and strategies with your group.

A.) $14.21 - 13.25$

B.) $85.22 - 43.548$

C.) $52.02 - 0.83$

D.) $20.60 - 14.35$

You need: white board, dry erase marker, and dry eraser

2.8 Problem Solving: Multiple Step Problems

Solve each problem on your white board. Once everyone is finished discuss answers and strategies with your group.

A.) Emily buys a t-shirt for \$18.95 and a pair of jeans for \$32.25. How much more does Emily spend on the pants?

B.) Jason has a \$5 bill and a \$10 bill. He spends \$3.50 for a smoothie and \$2.76 for a muffin. How much money does he have left?

C.) The Crockett family went to Austin's for dinner. They spent \$25 on the meals, \$8 on the soda, and \$14 on dessert. If they pay with a \$50 bill how much change will they get back?

You need: white board, dry erase marker, and dry eraser