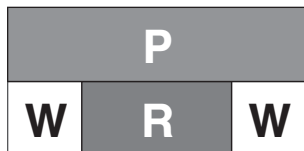


Adding with Cuisenaire® Rods

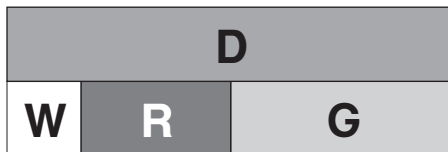
Model each picture using Cuisenaire® Rods.
Then record the addition.

1.



$$W + R + W = P$$

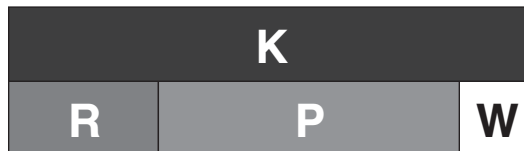
2.



3.



4.



5.



6.



Exploring Fact Families

Complete each fact family.




1. If $J + Q = A$, then

$$Q + \underline{\hspace{2cm}} = A$$

$$\underline{\hspace{2cm}} - J = Q$$

$$A - \underline{\hspace{2cm}} = J$$

2.




If  +  = , then

$$\text{✱} + \text{☰} = \underline{\hspace{2cm}}$$

$$\text{⊕} - \text{☰} = \underline{\hspace{2cm}}$$

$$\text{⊕} - \text{✱} = \underline{\hspace{2cm}}$$

3.




If  -  = , then

$$\text{♥} + \text{★} = \underline{\hspace{2cm}}$$




$$\text{⊗} - \underline{\hspace{2cm}} = \text{★}$$

$$\underline{\hspace{2cm}} + \text{♥} = \text{⊗}$$

4.

If  +  = , then $\underline{\hspace{2cm}} - \text{☺} = \underline{\hspace{2cm}}$

5.

If  +  = , then

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Connecting Addition and Subtraction

1. Circle any number sentence and write a story that matches it.

$28 + \underline{\quad} = 56$

$94 - \underline{\quad} = 47$

$86 - 43 = \underline{\quad}$

$\underline{\quad} + 37 = 74$

-
2. Solve the number sentence you picked. Use words, numbers or pictures to explain how you solved it.

Adding and Subtracting Using 5 and 10

Anita has a jar of dimes and nickels.
She takes out 9 coins from the jar.

1. Complete the table. Show every possible coin combination that Anita could get. Find the total value for each one.

Dimes	Nickels	Total Value
		¢
		¢
		¢
		¢
		¢
		¢
		¢
		¢
		¢
		¢

2. What patterns do you see in the table?

Adding and Subtracting Numbers Near 10

What is missing? Write the missing numbers and the rule.

1.

15	22	31	30	21	91		<i>m</i>
4	11	20	19			0	

2.

9	19	12	39			89	<i>b</i>
21	31	24		41	12		

3.

8	12	15	30	9	41		<i>h</i>
16	24	30				100	

4.

2	10	11	0	5			<i>a</i>
5	21	23			13	17	

Place Value and Cross Number Puzzles

Fill in each puzzle to make it true.

1.

15		
33		

2.

21		
		50

3.

70	11	

4.

	35	
35		

5.

15		
60		

6.

		100

Breaking Numbers Apart

Break the numbers in different ways so they are easier to add.

1.

$$\begin{array}{r} 68 \\ + 97 \\ \hline \end{array} \Rightarrow \begin{array}{r} \\ + \\ \hline \end{array} \Rightarrow \begin{array}{r} \\ + \\ \hline \end{array}$$

2.

$$\begin{array}{r} 126 \\ + 76 \\ \hline \end{array} \Rightarrow \begin{array}{r} \\ + \\ \hline \end{array} \Rightarrow \begin{array}{r} \\ + \\ \hline \end{array}$$

3. Make up your own problem.

$$\begin{array}{r} \\ + \\ \hline \end{array} \Rightarrow \begin{array}{r} \\ + \\ \hline \end{array} \Rightarrow \begin{array}{r} \\ + \\ \hline \end{array}$$

Add and Subtract

Write the missing numbers.

1. $49 + 24 - 24 = \underline{\hspace{2cm}}$

2. $68 + 37 - \underline{\hspace{2cm}} = 68$

3. $73 + 48 - 47 = \underline{\hspace{2cm}}$

4. $99 + \underline{\hspace{2cm}} - 51 = 100$

5. $\underline{\hspace{2cm}} + 62 - 61 = 73$

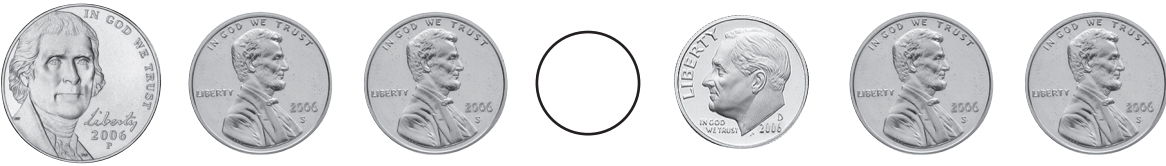
6. $236 + \underline{\hspace{2cm}} - 138 = 237$

7. $139 + 37 - 36 = \underline{\hspace{2cm}}$

8. $\underline{\hspace{2cm}} + 54 - 53 = 267$

Comparing Collections of Coins

Write $<$, $>$, or $=$ in the box.

1. 

2. 

3. 

4. 

5. 

6. 

Creating and Solving Story Problems

For the school bake sale, there are 22 apple pies, 18 cherry pies, 88 oatmeal cookies, and 36 chocolate cakes.

1. Write two or more questions that would have 4 as an answer.

2. Show how you would solve one of your problems.

Strategies for Multiple-Choice Questions

Fill in the bubble for each correct answer.

- | | |
|--|--|
| <p>1. There were 26 fish next to a rock. 13 fish swam away. Then 7 more fish swam away. How many fish were still at the rock?</p> <p>(A) 6 fish (C) 19 fish
(B) 13 fish (D) 20 fish</p> | <p>2. Lou had 3 dimes and a nickel. Sean had 2 quarters. They combined their money to buy a 75¢ card. How much money did they have left over?</p> <p>(A) 0¢ (C) 75¢
(B) 10¢ (D) 85¢</p> |
| <p>3. Bonnie read for half an hour on Saturday. She read for twice as long on Sunday. For how many minutes did she read on those two days?</p> <p>(A) 3 minutes (C) 60 minutes
(B) 30 minutes (D) 90 minutes</p> | <p>4. A zoo was home to 37 birds. Then 22 more birds came to live there, and 15 birds were sent to another zoo. How many birds are at the zoo now?</p> <p>(A) 4 birds (C) 32 birds
(B) 15 birds (D) 44 birds</p> |
| <p>5. The chorus practices for 25 minutes on Mondays, Tuesdays, Thursdays, and Fridays. How many minutes do they practice each week?</p> <p>(A) 4 minutes (C) 100 minutes
(B) 25 minutes (D) 125 minutes</p> | <p>6. There are 12 children at a party. Each child has two balloons. How many balloons do the children have in all?</p> <p>(A) 14 balloons
(B) 24 balloons
(C) 32 balloons
(D) 34 balloons</p> |