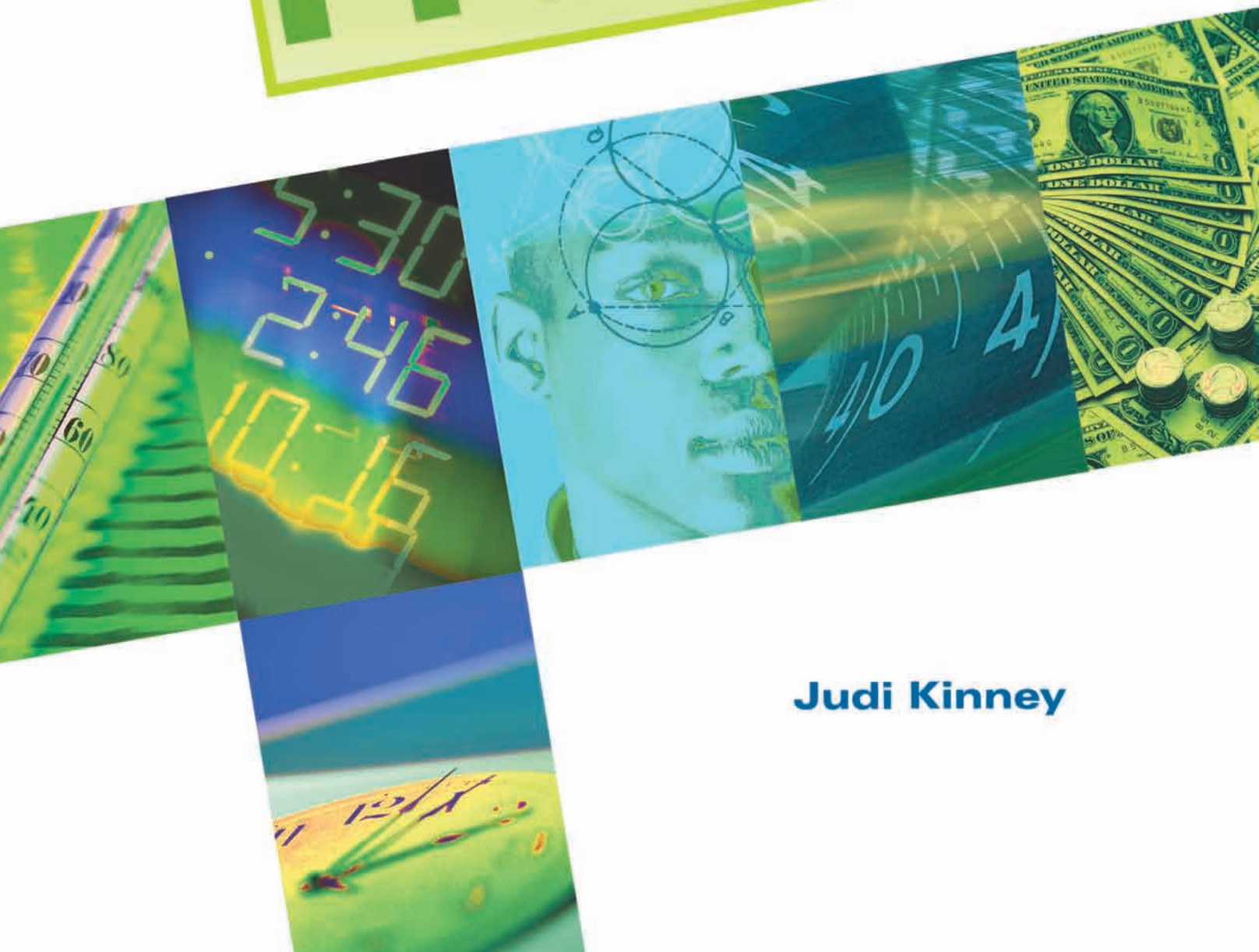
Attainment's

EXPLORE math



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Explore Math

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Attainment's EXPLORE math

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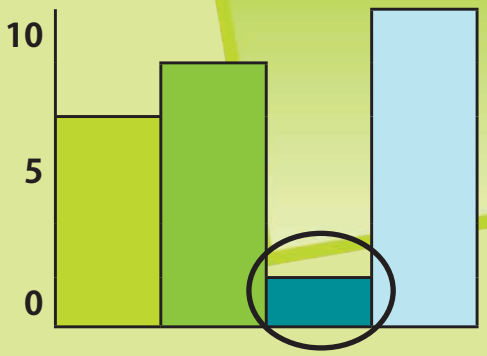
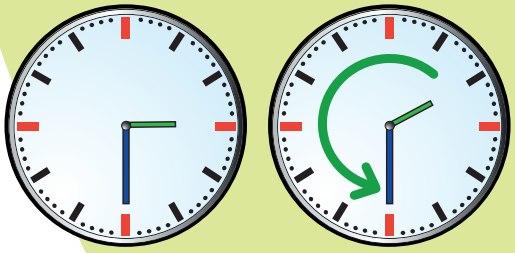
Chapter 1
Vocabulary





9, 8, 7, 6 ...

Vocabulary 1

addition

$3 + 4 = 7$

altogether

$3 + 2 = 5$

behind

between

counting back

9, 8, 7, 6 ...

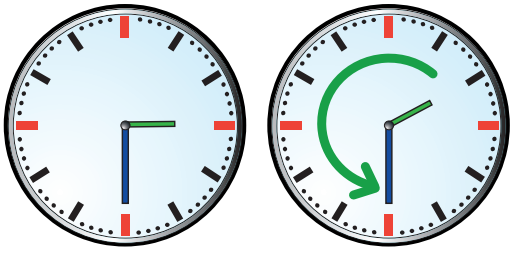
counting on

... 5, 6, 7, 8

difference

$8 - 4 = 4$

earlier (one hour)



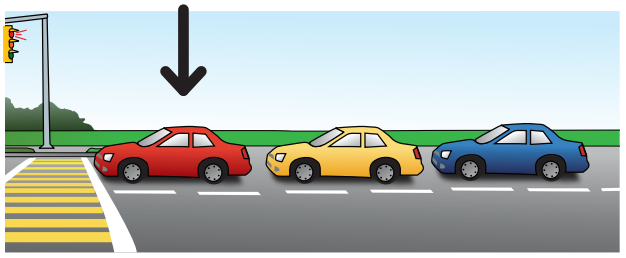
Vocabulary 2

equals

$6 + 5 = 11$

$7 - 3 = 4$

first



(how many) **in all**

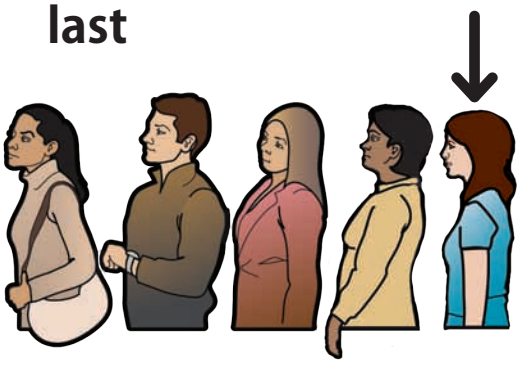
$5 + 2 = 7$

in front of

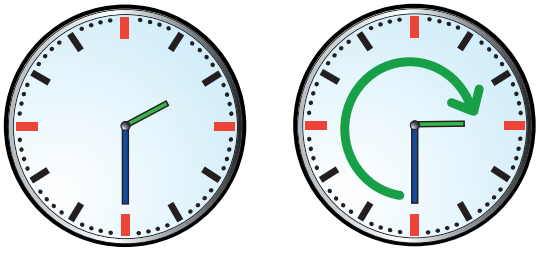
label

$8_{\text{points}} + 10_{\text{points}} = 18_{\text{points}}$

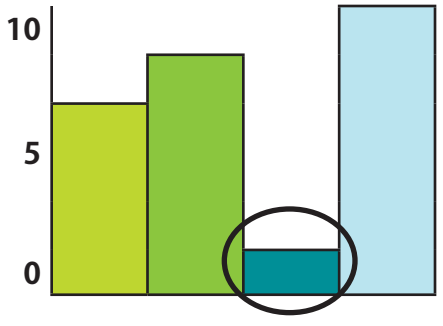
last



later



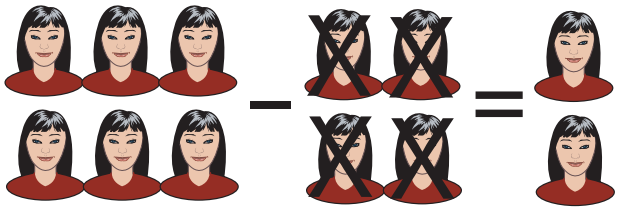
least



▼ **Note: When the words "how many more" appear in the problem, count on or count back.**

Vocabulary 3

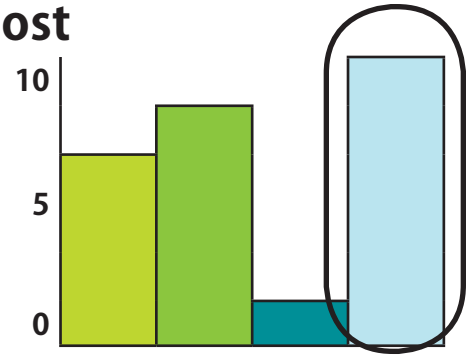
left



minus

−

most



plus

+

remainder

$12 - 9 = 3$

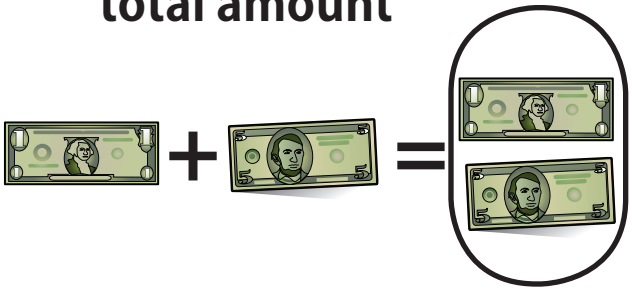
subtraction

−

sum

$14 + 3 = 17$

total amount



Vocabulary 4

word problem Kevin has 4 . He earned 3 more . How many did Kevin earn in all?	

▼ **Note: Use the blank cards for additional words or to make your own cards.**

Addition Words +

Date _____

Directions: When reading a word problem, these words tell you to add.

1. altogether
2. how many
3. in all
4. together
5. total
6. sum
7. _____
8. _____
9. _____
10. _____

▼ **Note: Add more words if needed, using the blank lines.**

Subtraction Words –

Date _____

Directions: When reading a word problem, these words tell you to subtract.

1. difference
2. how many are left
3. left
4. remain
5. remainder
6. _____
7. _____
8. _____
9. _____
10. _____

▼ **Note: Add more words if needed, using the blank lines.**

Where Am I?

Date _____

Directions: ◯ **the number or person that matches the underlined word.**

1. the **first** number.

   2, 4, 6, 8, 10, 12

2. the number that is in **between.**

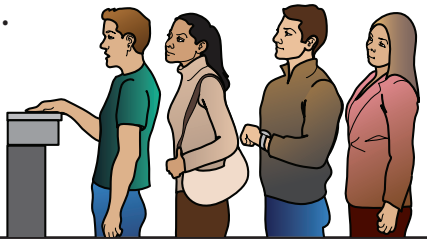
   10, 11, 12

3. the **last** number.

   2, 3, 4, 5, 6

4. the person that is **behind.**

5. the person **in front of** the line.



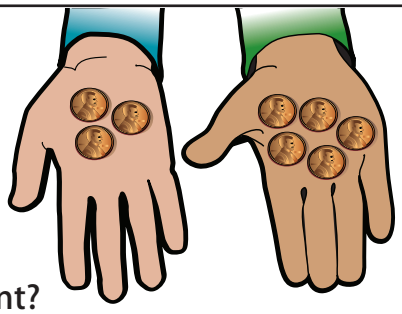
6. the **last** person.

7. the boy that is **between** 2 girls.

Finding Addition Words

Date _____

Directions: **Use the word charts or vocabulary word cards and ◯ the addition words. Challenge: Solve.**

Problem:	Show work:
1. Money in Hand  What is the total amount?	
2. Home Town Team 1st half: 2 | 2nd half: 1 | total score: ? What is the total score?	
3. Earning Money Kevin has 4 . He earned 3 more . How many did Kevin earn in all?	
4. On Sale! Melanie bought a t-shirt for $6.00. She bought a of pair of sunglasses for $5.00. How much money did Melanie spend altogether?	

1 2 3 4 5 6 7 8 9 10 11 12

Subtraction Words

Date _____

Directions: Use the word chart or vocabulary word cards and ◯ the subtraction words. Challenge: Solve.

Problem:	Show work:
1. Final Softball Score HOME 12 AWAY 9 Find the difference in the two scores.	
2. Fishing Julie had 7 . She gave 5 away. How many does Julie have left?	
3. Roadside Stand There are 8 . 3 were sold. How many are left?	
4. Basketball Umberto wants to go to the game. He has $6.00. The tickets cost $4.00. How much money does Umberto have left after he buys a ticket?	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Add or Subtract? 1

Date _____

Directions: 1. ◯ the important math words. 2. ◯ add or subtract
3. Challenge: Solve the problem.

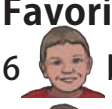
Problem:	Show work:
1. Garage Sale Tamaka wanted to sell some of her old . She had 12 . After the garage sale she had 3 left. How many did she sell? **add** **subtract**	
2. Collecting Old Nickels Michael has 6 . He bought 2 more at a coin shop. How many does he have altogether? **add** **subtract**	
3. N.F.L. Cards Ethan has 8 . His grandmother gave him 2 more . How many does Ethan have in all? **add** **subtract**	
4. Home Game **HOME** 12 **AWAY** 9 Find the difference between the scores. **add** **subtract**	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Add or Subtract? 2

Date _____

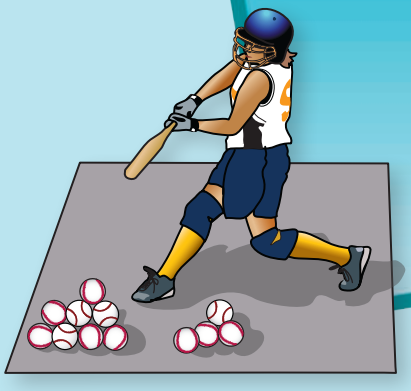
Directions: 1. ◯ the important math words. 2. ◯ add or subtract
3. Challenge: Solve the problem.

Problem:	Show work:
1. Pick Your Own Harold and Maude picked boxes of blueberries. Harold picked 4 boxes of berries. Maude picked 6 boxes of blueberries. How many boxes did they pick in all? **add** **subtract**	
2. Lunch Count 17 children ate hot dogs for lunch. 8 children ate hamburgers. How many more children ate hot dogs? **add** **subtract**	
3. Favorite Sports 6  boys like to play football. 4 boys like to play basketball. How many more boys like to play football than basketball? **add** **subtract**	
4. N.B.A. Cards Jack has 10 N.B.A. cards. His aunt gave him 4 more N.B.A. cards. How many cards does Ethan have altogether? **add** **subtract**	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Chapter 2

0 — 12



A Graphic Novel

Date _____

Directions: Nicky bought a graphic novel at a garage sale.
◯ the amount of he needs to pay for the novel.

Bonus: ◯ the least amount of money Nicky needs to pay for the novel.

1 2 3 4 5 6 7 8 9 10 11 12

Elm Street

Date _____

Directions: **Help the mail carrier deliver the mail.**
Read the map of Elm Street and answer the questions below.

Hint: You need to count by 2 to find the missing number.

Answer:

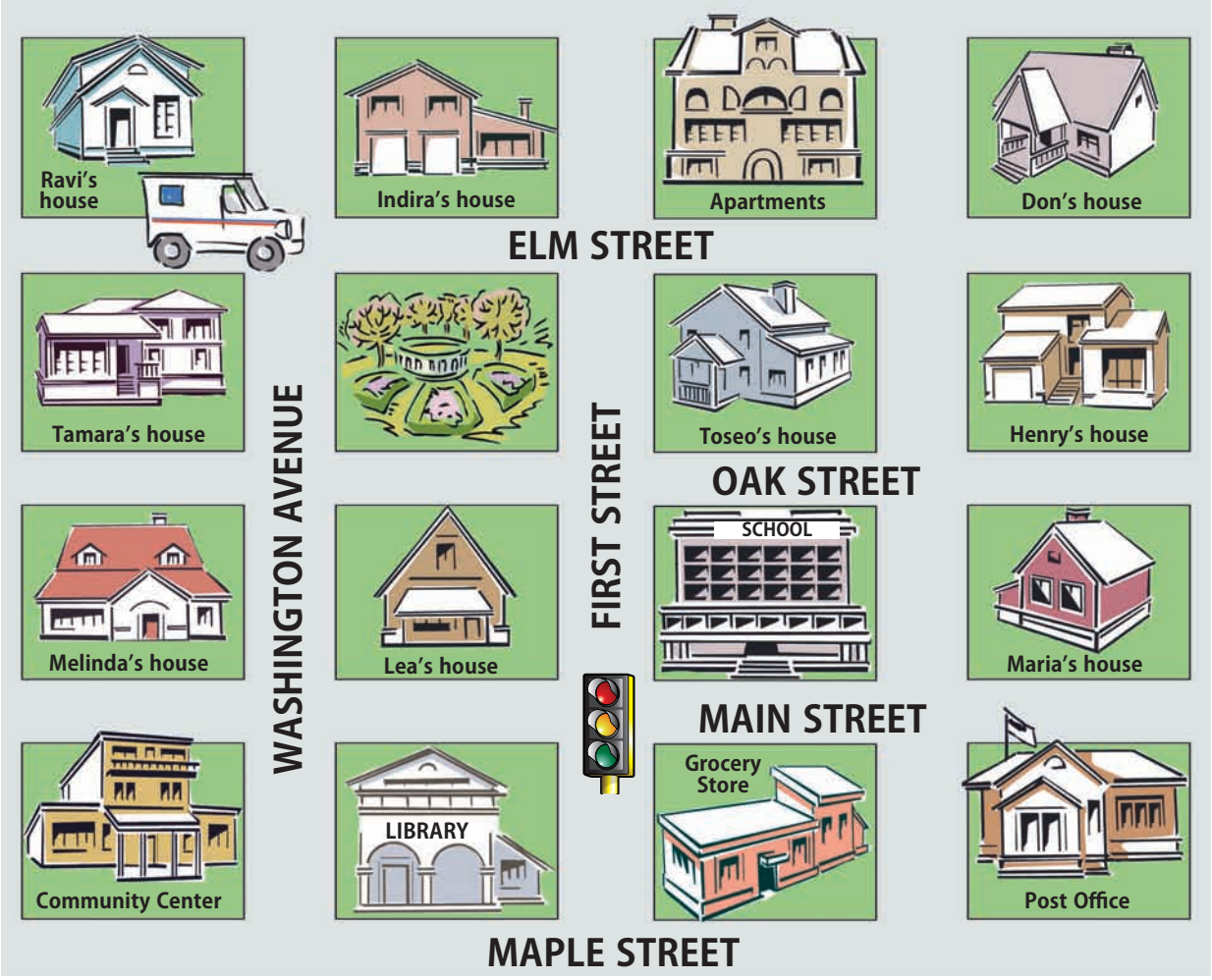
1. Write the missing number on the mailbox.
2. ◯ the blue house.
3. Put an **X** on the tallest house.
4. Put a ✔ on the house farthest from the park.

1	2	3	4	5	6	7	8	9	10	11	12

Neighborhood Map

Date _____

Directions: **Directions: Mr. Jackson delivers mail in the neighborhood. Read the map and answer the questions below.**



Answer:

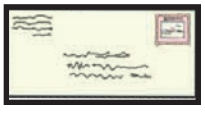
1. Draw a path from the mail truck to the post office.
   How many blocks from the mail truck to the post office? _____ blocks
2. Draw a path from Indira's house to the school.
   How many blocks does she have to walk to school? _____ blocks
3. ◯ the intersection of Oak and First Street.
4. Put an **X** on the streetlight.
5. Ask someone to find a _____ on the map. Now ask her to go to the _____. How many blocks does she have to walk?

1	2	3	4	5	6	7	8	9	10	11	12

The Mail Carrier

Date _____

Directions: **Mrs. Jackson is sorting the mail.**
How many letters altogether has she sorted?

_____ + _____ = ☐ 

Answer:

◯ **what you do when you read the word altogether.**

\+ or −

1	2	3	4	5	6	7	8	9	10	11	12

Loading the Mail Truck

Date _____

Directions: **Mr. O'Connor is loading big and little boxes on his truck for delivery. How many big and little boxes must he load altogether?**
Hint: Word problems must have **labels** in the answer.

Answer:

_____ + _____ = ☐

Bonus: **How many boxes would Mr. O'Connor have if he loaded only the little boxes?**

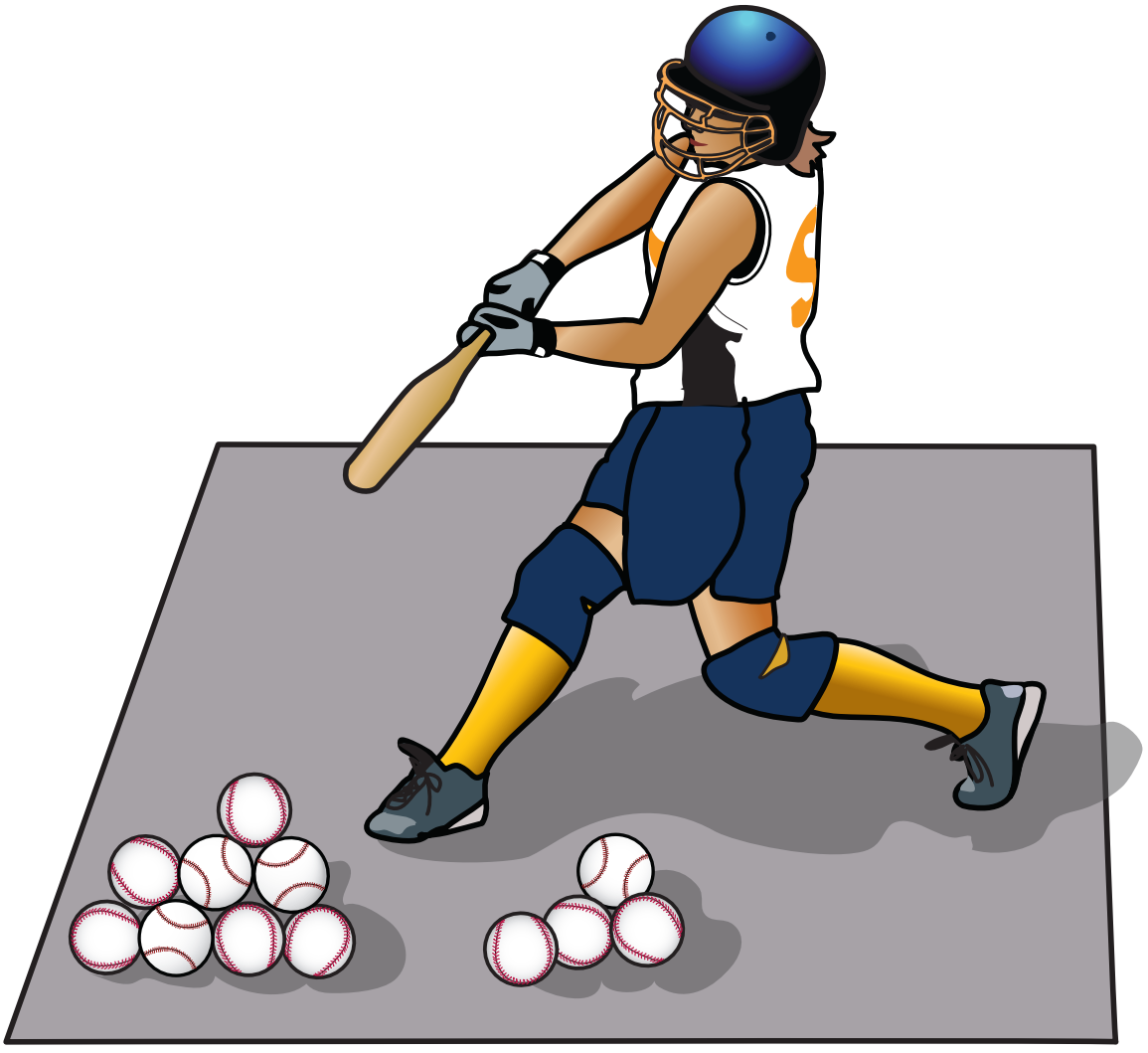
_____

1	2	3	4	5	6	7	8	9	10	11	12

Batting Practice

Date _____

Directions: **Missy is practicing hitting balls before the game. How many baseballs did she hit altogether?**



Answer:

_____ + _____ = ☐

Bonus: ◯ the word in the problem that tells you to add.

1	2	3	4	5	6	7	8	9	10	11	12

Sports Photographer

Date _____

Directions: Mr. Gonzalez took photos of this week's high school basketball and volleyball games for the local newspaper. How many photos did he take in all?

Answer:

_____ + _____ = ☐

1	2	3	4	5	6	7	8	9	10	11	12

Who Won?

Date _____

Directions: Add to find the final the scores. ◯ the winning team.

Team	1st	2nd	Final
Bulls	0	7	
Colts	3	6	

Show work:

Bulls	Colts

Hint: pts. is an abbreviation or short way for writing points.

1 2 3 4 5 6 7 8 9 10 11 12

Bagging Baseball Equipment 1

Date _____

Directions: **Directions: Coach Peterson made a list of equipment he needed for an away game. Use the list and the equipment already by the bag to solve the problems on the next page.**

Coach's List

a. 10

b. 5

c. 7

d. 1

e. 12

1	2	3	4	5	6	7	8	9	10	11	12

Bagging Baseball Equipment 2

Date _____

Directions: **Solve to find out how many more of each item Coach Peterson needs to pack for the game. Show your work.**

Hint: Remember to label your answers.

1 How many more ?

2 How many more ?

3 How many more ?

4 How many more ?

5 How many more ?

6 Create your own problem.

1 2 3 4 5 6 7 8 9 10 11 12

Throwing Darts

Date _____

Directions: **Jesse throws darts in the recreation room. How many points altogether did he make?**

_____ + _____ + _____ = ☐ pts.

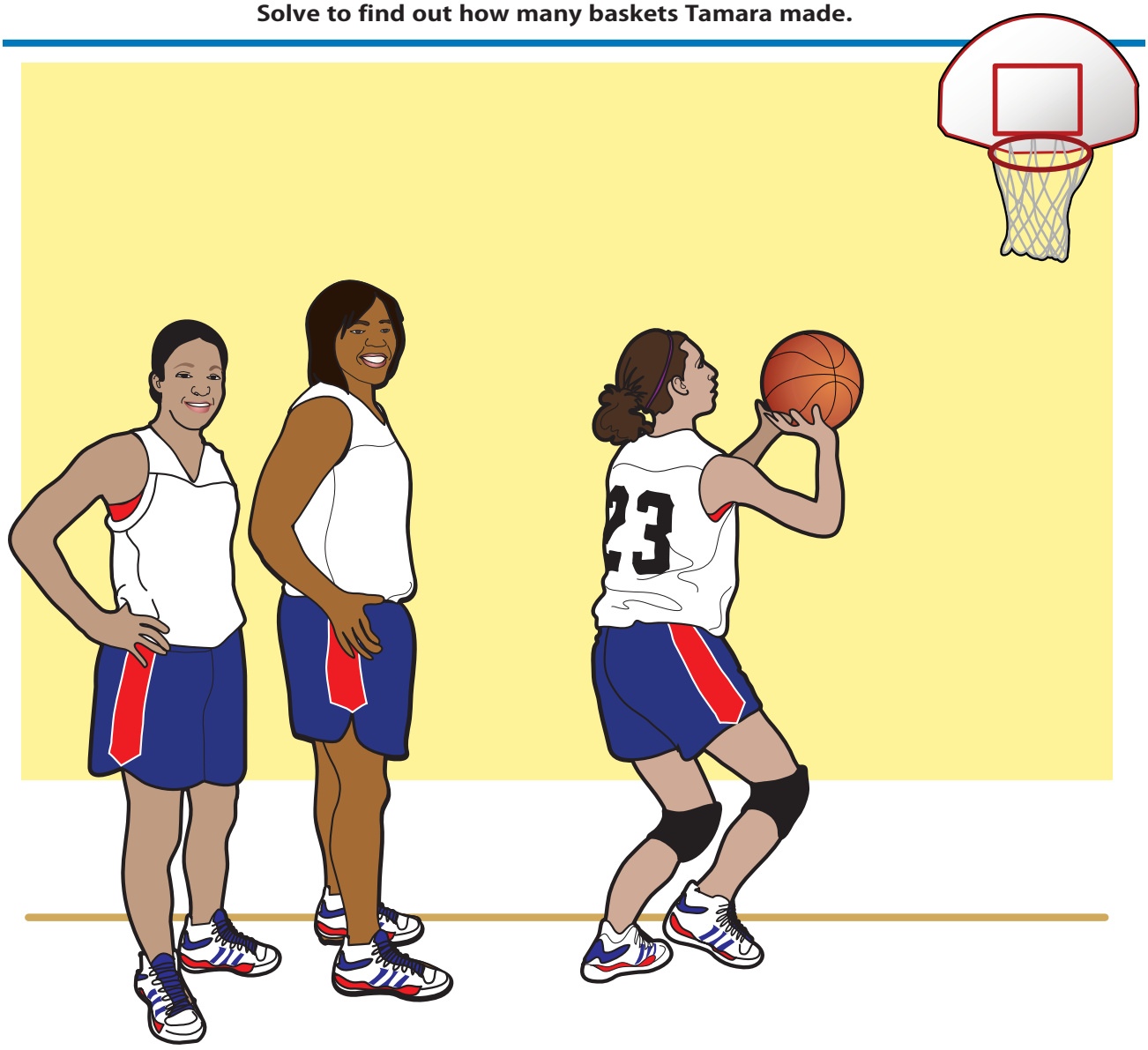
Bonus: **Create another word problem using this page. Share your problem.**

1	2	3	4	5	6	7	8	9	10	11	12

Shooting Baskets

Date _____

Directions: **Each player can shoot for the basket until she misses. Solve to find out how many baskets Tamara made.**



Becky	Sasha	Tamara	Total
3	+ 2 +	☐	= 8

Bonus: Create your own problem for some one else to solve.

1	2	3	4	5	6	7	8	9	10	11	12

Tip Money

Date _____

Directions: **Raven earned $6.00 in tips from her first three customers. Solve to find out how much money customer 1 tipped Raven.**

Hint: Remember to use the **$** and **.** in your problem.

1. Customer 1

2. Customer 2

3. Customer 3

4. Total amount:

Show work:

1 2 3 4 5 6 7 8 9 10 11 12

Day-Old Bake Sale

Date _____

Directions: **Solve to find out how much money Roberta has left in her hand.**

1.

2.

3.

4.

Show work:

_____¢ − _____¢ = ☐ ¢

Bonus: Create your own money problem using pennies.

1	2	3	4	5	6	7	8	9	10	11	12