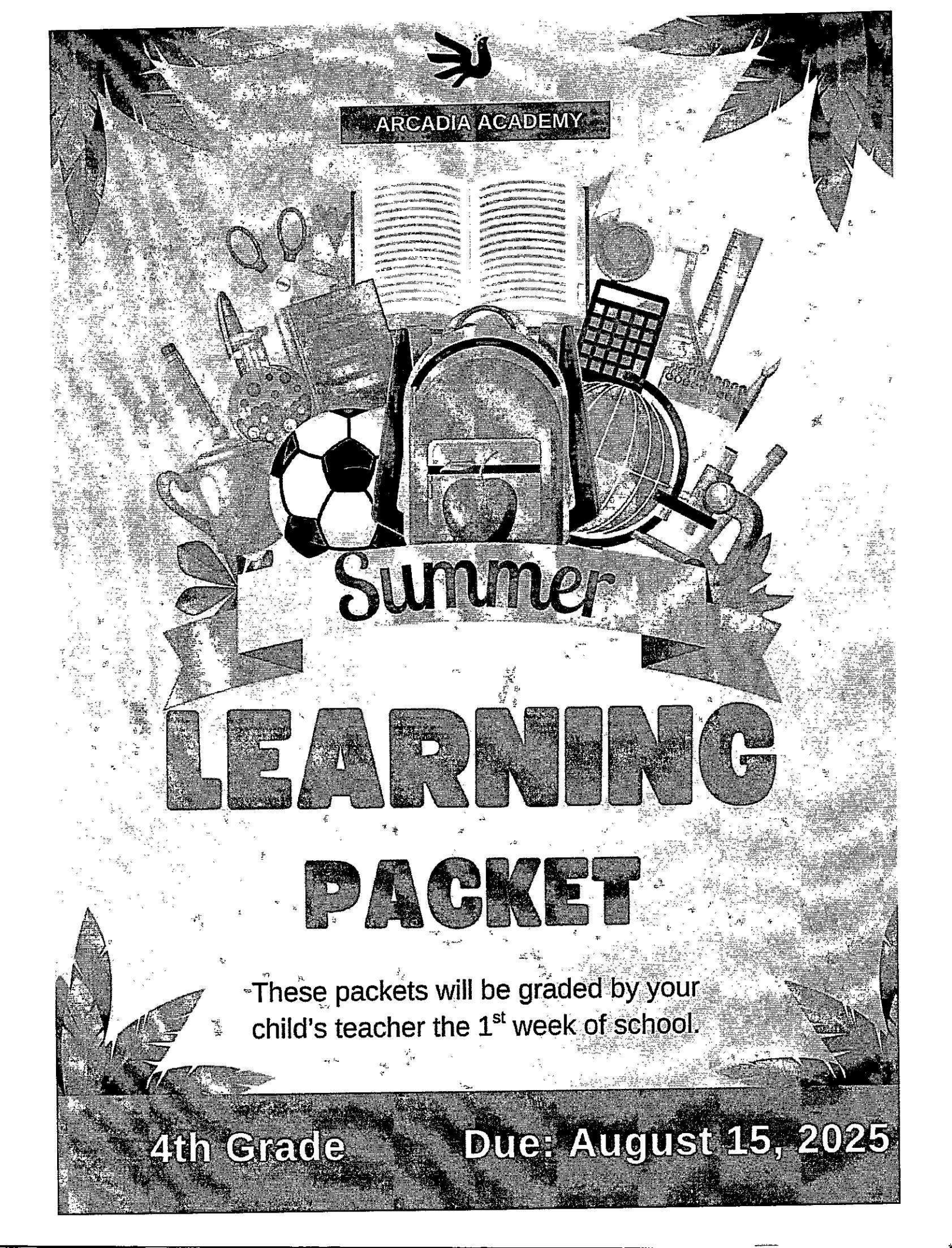




ARCADIA ACADEMY

Summer

LEARNING PACKET

These packets will be graded by your
child's teacher the 1st week of school.

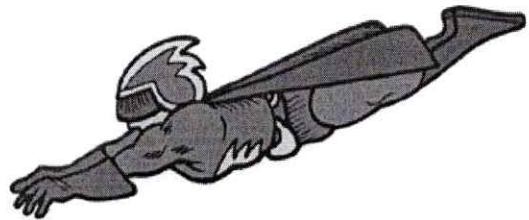
4th Grade

Due: August 15, 2025

Name: _____

Division

Divisors up to 9



a.
$$\begin{array}{r} 4 \overline{) 24} \end{array}$$

b.
$$\begin{array}{r} 3 \overline{) 12} \end{array}$$

c.
$$\begin{array}{r} 8 \overline{) 72} \end{array}$$

d.
$$\begin{array}{r} 7 \overline{) 42} \end{array}$$

e.
$$\begin{array}{r} 4 \overline{) 28} \end{array}$$

f.
$$\begin{array}{r} 9 \overline{) 81} \end{array}$$

g.
$$\begin{array}{r} 3 \overline{) 27} \end{array}$$

h.
$$\begin{array}{r} 6 \overline{) 48} \end{array}$$

i.
$$\begin{array}{r} 3 \overline{) 9} \end{array}$$

j.
$$\begin{array}{r} 5 \overline{) 35} \end{array}$$

k.
$$\begin{array}{r} 7 \overline{) 21} \end{array}$$

l.
$$\begin{array}{r} 7 \overline{) 42} \end{array}$$

m.
$$\begin{array}{r} 4 \overline{) 28} \end{array}$$

n.
$$\begin{array}{r} 9 \overline{) 81} \end{array}$$

m. $54 \div 6 = \underline{\hspace{2cm}}$

n. $20 \div 5 = \underline{\hspace{2cm}}$

o. $10 \div 2 = \underline{\hspace{2cm}}$

m. $28 \div 7 = \underline{\hspace{2cm}}$

p. $49 \div 7 = \underline{\hspace{2cm}}$

q. $12 \div 6 = \underline{\hspace{2cm}}$

r. $18 \div 3 = \underline{\hspace{2cm}}$

s. $0 \div 7 = \underline{\hspace{2cm}}$

t. $3 \div 1 = \underline{\hspace{2cm}}$

u. $24 \div 3 = \underline{\hspace{2cm}}$

v. $8 \div 2 = \underline{\hspace{2cm}}$

w. $4 \div 4 = \underline{\hspace{2cm}}$



- x. There were 9 kittens stuck in a tree. Superhero Flash Wolf rescued them all. He climbed the tree and carried three kittens down at a time. How many times did he have to climb the tree?

ans: _____

- y. Flash Wolf had 27 kitty treats to feed to the kittens he saved. If he gives each kitten the same number of treats, how many treats will each kitten receive?

(Hint: Look at the previous word problem to see how many kittens there were.)

ans: _____

Name: _____

Running: Sport or Way of Life?

By Kelly Hashway



Part 1: Reread "Running: Sport or Way of Life?" and highlight these vocabulary words in the passage: *lungs, coordination, immune system, heart, concentration, marathon, and realistic.*

Part 2: Match each vocabulary word on the left with its definition on the right.

- | | |
|------------------------|---|
| 1. _____ lungs | a. long-distance running race |
| 2. _____ coordination | b. protects your body from bacteria and disease |
| 3. _____ immune system | c. reasonable |
| 4. _____ heart | d. body organ that puts oxygen into your blood |
| 5. _____ concentration | e. ability to think deeply |
| 6. _____ marathon | f. ability to move your body's muscles skillfully |
| 7. _____ realistic | g. muscle that pumps blood through your body |

Part 3: Use a vocabulary word from above to correctly complete each sentence.

8. I could barely breathe when I finished running the _____.
9. The nurse was monitoring her patient's _____ rate.
10. The writer was lost in _____ as he thought about what he will write next.
11. When Joey wanted to run 50 miles, his friend said, "That's not _____."

Name: _____

Fact Family Street

Use multiplication and division to fill in the fact family living in each house.

a.

32

8 4

x, ÷

8	x	4	=	32
4	x	8	=	32
32	÷	8	=	4
32	÷	4	=	8

b.

132

12 11

x, ÷

	x		=	
	x		=	
	÷		=	
	÷		=	

c.

21

7 3

x, ÷

	x		=	
	x		=	
	÷		=	
	÷		=	

d.

120

12 10

x, ÷

	x		=	
	x		=	
	÷		=	
	÷		=	

e.

36

9 4

x, ÷

	x		=	
	x		=	
	÷		=	
	÷		=	

f.

54

9 6

x, ÷

	x		=	
	x		=	
	÷		=	
	÷		=	

g.

12

4 3

x, ÷

	x		=	
	x		=	
	÷		=	
	÷		=	

h.

56

8 7

x, ÷

	x		=	
	x		=	
	÷		=	
	÷		=	

i.

66

11 6

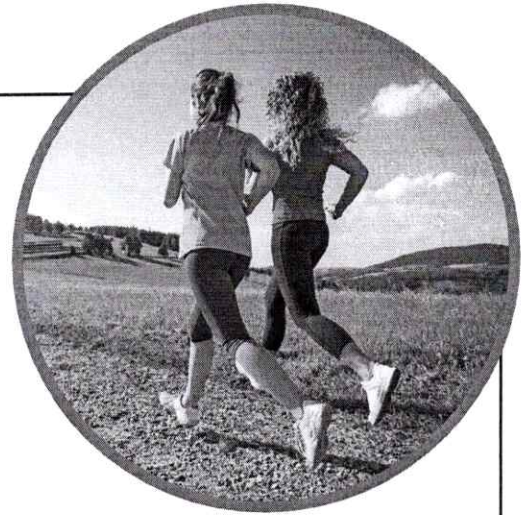
x, ÷

	x		=	
	x		=	
	÷		=	
	÷		=	

Name: _____

Running: Sport or Way of Life?

By Kelly Hashway



1. What is the main idea of the fourth paragraph in this article?
 - a. Running is one way to keep your body healthy.
 - b. You don't need expensive equipment to be a runner.
 - c. Running for fun is better than running in a competition.
 - d. There are many running clubs and teams you can become involved in.

2.

Benefits of Running for Your Health and Mind (find four benefits mentioned in the passage)			
1.	2.	3.	4.

3. What is the author's main purpose for writing this passage?
 - a. to give historical information about runners
 - b. to teach readers how to become great runners
 - c. to persuade readers to try running
 - d. to compare and contrast running and watching television
4. Tell whether each sentence is a fact or opinion. Write the word *fact* or *opinion* on each line.

_____ Running is not an easy sport.

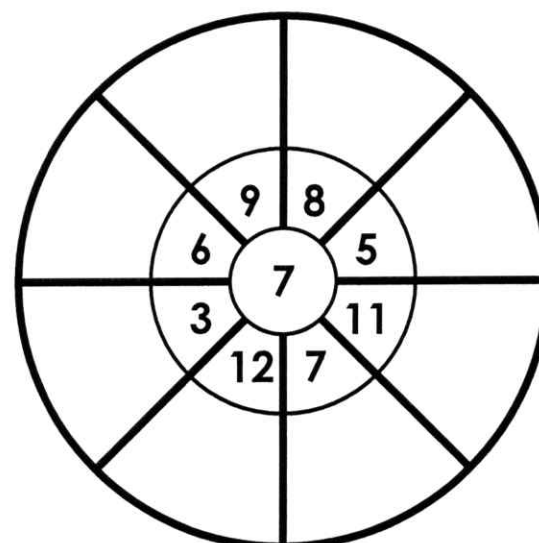
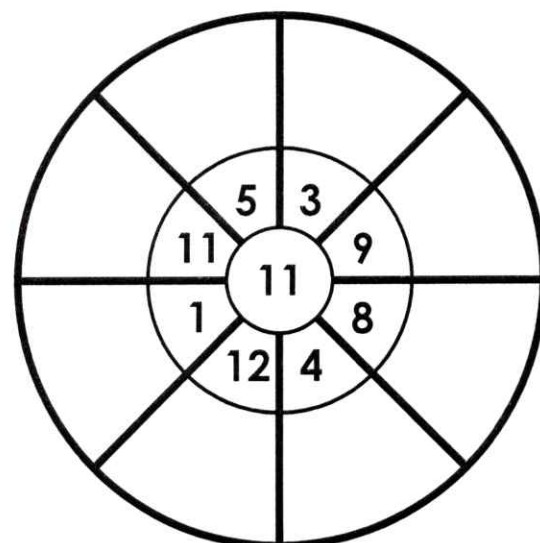
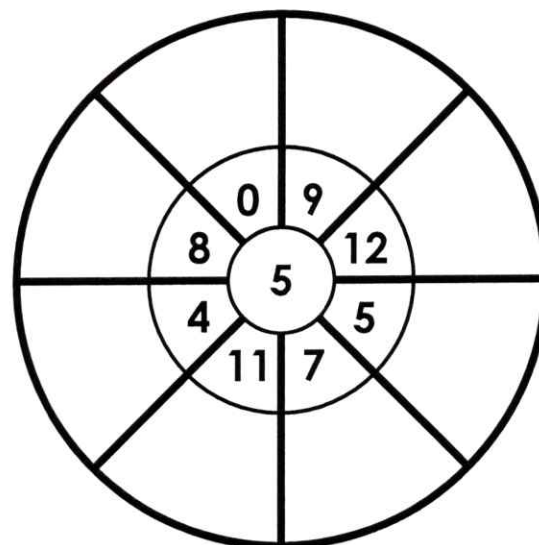
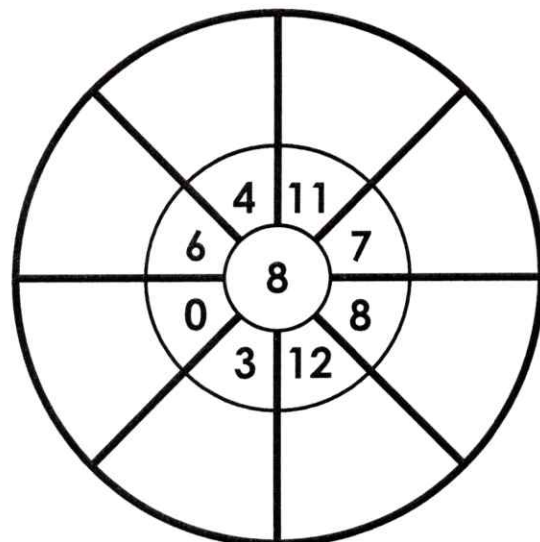
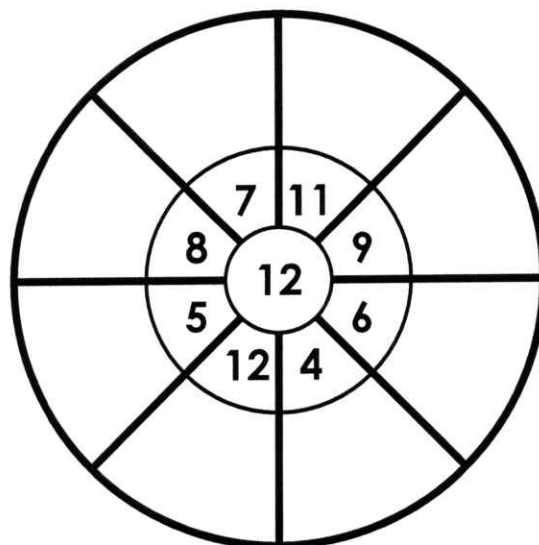
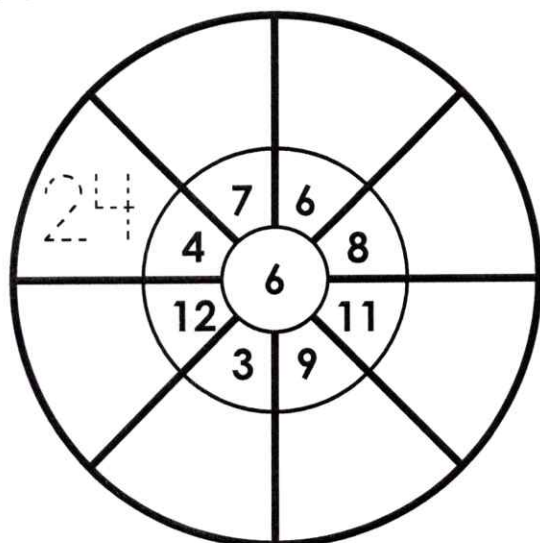
_____ Many schools offer cross-country or track programs.

_____ Running develops coordination and makes you more aware of your body.

Name: _____

Multiplication Wheels

Multiply the number in the center circle by each of the factors surrounding it. Write the products on the outer circle.



Name: _____

Running: Sport or Way of Life?

By Kelly Hashway



You flip through the channels for the fourth time and realize that once again there's nothing on television that grabs you. Not a problem! Throw on some running shoes and comfortable clothes and go for a run.

One of the coolest things about the sport of running is that you don't need expensive equipment. All you need is a good pair of running shoes and a safe environment. But just because you don't need much equipment don't be fooled into thinking the sport of running is easy. No one wakes up and decides to run a marathon without training. Running requires discipline, perseverance, and concentration. It's a sport that's good for your body and mind.

Running strengthens your heart, lungs, and muscles. It develops coordination and makes you more aware of your body. Running also gives you energy by increasing your oxygen intake, and it improves your immune system so you don't get sick as easily. It can even help you stay more focused in school because exercise helps you to think more clearly.

How do you get involved in the sport if you don't know much about it? Most schools offer cross-country and track programs, but there are also running clubs open to all ages. A simple internet search can help you find some in your area. The programs show you how running can offer competition or just be for fun. They also teach runners to set realistic goals and take care of their bodies.

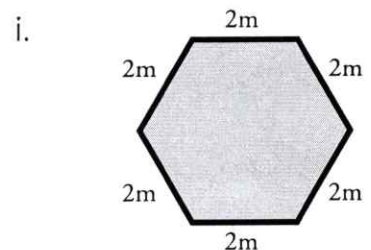
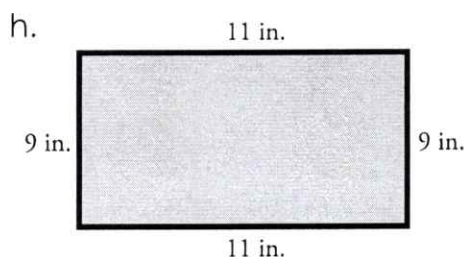
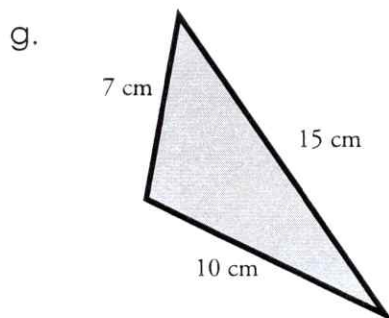
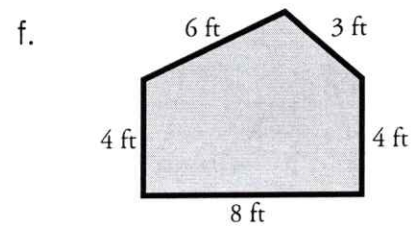
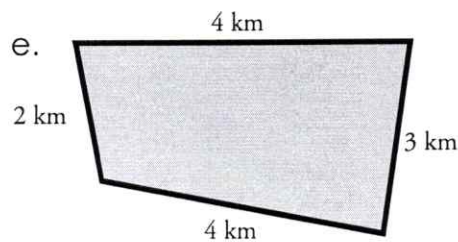
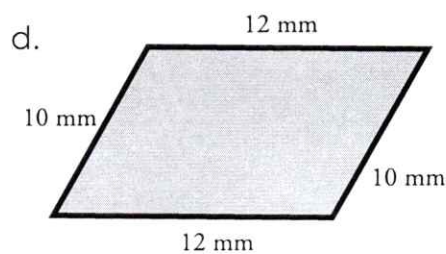
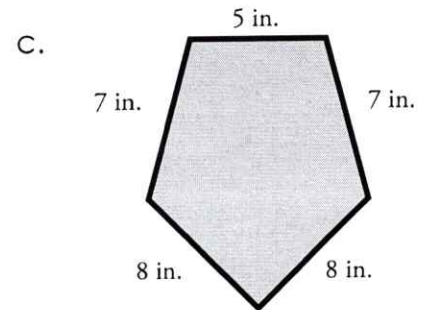
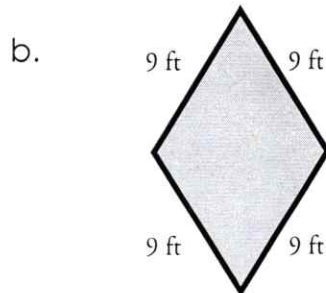
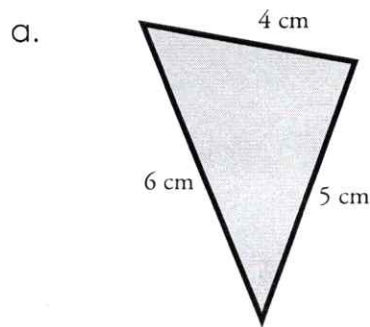
Runners have great respect for each other because they know how difficult the sport can be. If you go to a race, you'll see people cheering for all the runners, from the first place finisher to the last place finisher. Running isn't always about how fast you are or how far you're going. It's about getting out there and doing it. Participation is more important than competition, and effort is recognized over talent.

If you're looking for more than just a sport, running may be the perfect choice for you.

Name: _____

Perimeter of a Polygon

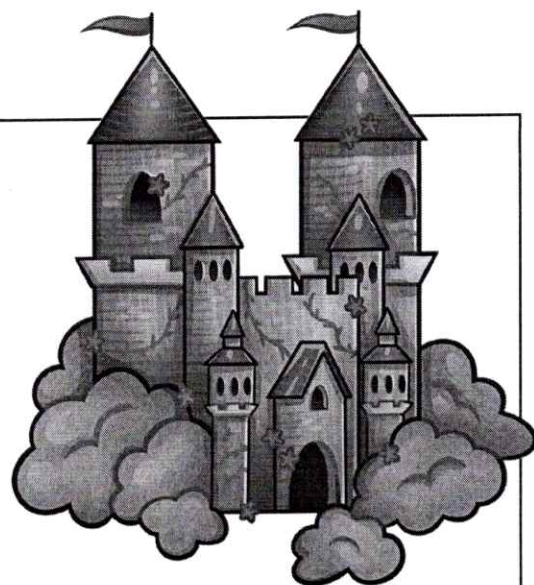
Find the perimeter of each shape by adding the lengths of each side. Be sure to include the units in your answer.



Name: _____

Caroline and the Castle

By Kelly Hashway



1. What kind of a house did Caroline live in?

2. List three adjectives to describe the queen.

3. The last paragraph says that Caroline and her family "bid their farewells." What does this mean?

4. Name two things from the story that could not happen in real life.

5. Name two things from the story that could happen in real life.

Something extra: On the back of this paper, draw a picture of the castle and the rose garden. Include lots of details from the story.

Name: _____

Rounding to the Nearest Hundred

Round each number to the nearest hundred.

a. 465 _____

b. 945 _____

c. 902 _____

d. 123 _____

e. 834 _____

f. 391 _____

g. 498 _____

h. 854 _____

i. 69 _____

j. 268 _____

k. 110 _____

l. 893 _____

m. 345 _____

n. 688 _____

o. 238 _____

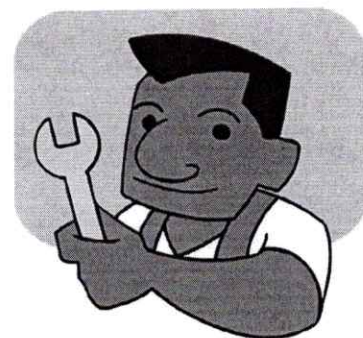
p. 835 _____

q. 469 _____

r. 384 _____

s. 575 _____

t. 629 _____



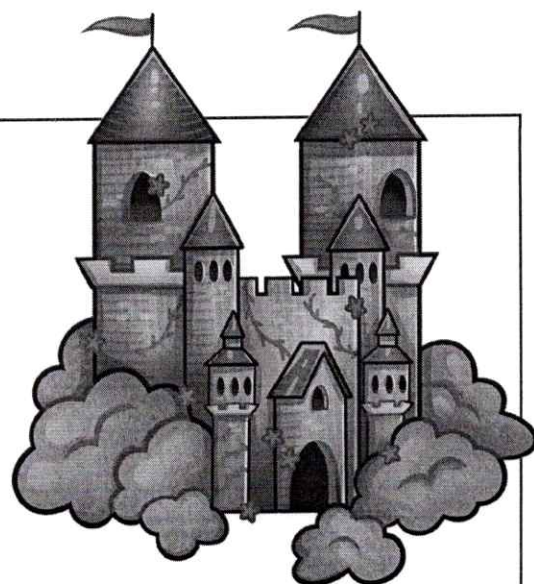
u. Craig is an auto mechanic. He has 51 lug nuts in a bucket. Round this number to the nearest hundred. _____

v. Craig repaired 348 cars this year. Round this number to the nearest hundred. _____

Name: _____

Caroline and the Castle

By Kelly Hashway



Caroline lived deep in the forest. In the forest there were enchanted fairies, ancient trees with arms, and talking woodland animals. Everything was magical in the forest, and Caroline was always happy there. Caroline's family lived in a tree house, high in the air, in this magical forest. The enchanted creatures of the forest all became friends with Caroline.

One day Caroline went on a walk with her family, and they came across a huge, stone castle. The castle was surrounded by trees higher than any she had ever seen! Her mother walked to the castle gates and knocked softly. When she did, the gates opened and revealed a beautiful rose garden. On the other side of the rose garden she could see beautifully painted windows and giant wooden doors to the castle.

Her mother and father led the way to the castle doors, carefully avoiding the overgrown rose bushes. When they reached the door, it opened to reveal a royal corridor. A beautiful queen appeared from a nearby room, and greeted them with a bow. After talking about the forest and how they got to the castle, the queen invited them to stay for dinner. A magnificent feast was prepared, and Caroline was most thrilled with the selection of desserts and cakes. She liked the chocolate truffles most.

After the royal feast, Caroline and her family bid their farewells and began the journey home. Caroline awoke in her bed the next day, wondering if it was all a dream.



Name: _____

Comparing Money Amounts

Part 1: Write $<$, $>$, or $=$ on each line.

- | | | |
|------------------------|------------------------|------------------------|
| a. \$3.45 _____ \$3.54 | b. \$6.90 _____ \$6.09 | c. \$0.75 _____ \$2.64 |
| d. 55¢ _____ \$1.22 | e. \$1.22 _____ 122¢ | f. \$6.67 _____ \$6.76 |
| g. \$9.12 _____ 932¢ | h. \$2.34 _____ \$2.54 | i. \$0.99 _____ 99¢ |
| j. \$321 _____ \$3.21 | k. \$5.11 _____ 92¢ | l. \$1.13 _____ \$11 |

Part 2: Circle the greater amount in each pair.

- | | | |
|---------------------|-------------------|---------------------|
| m. \$9.43 \$9.34 | n. 407¢ \$4.70 | o. \$0.44 \$4.00 |
|---------------------|-------------------|---------------------|

Part 3: On each line, write out the words, **is greater than**, **is less than**, or **is equal to**.

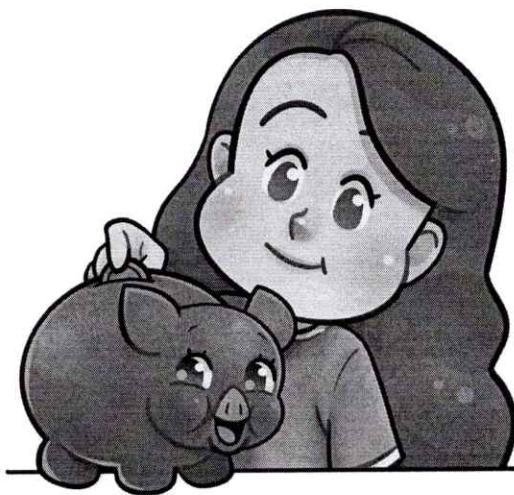
- | | |
|-----------------|--------|
| p. \$7.50 _____ | \$0.75 |
| q. \$6.52 _____ | \$7.25 |
| r. 89¢ _____ | \$0.89 |
| s. \$515 _____ | \$5.05 |
| t. \$2.34 _____ | 243¢ |

Part 4: Read and answer the questions.

- u. Kendra has 153 pennies.
Carlos has \$1.55.
Who has less money?

- v. Matthew has five dollars and twenty cents.
Carrie has five dollars and fifty cents.
Who has more money?

- w. Pam earned \$3.48 on Monday.
She earned 384¢ on Tuesday.
On which day did she earn more money?

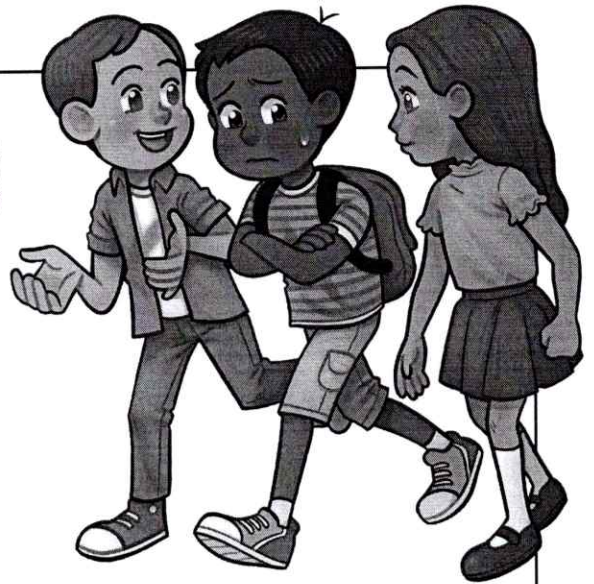


Name: _____

Friends Helping Friends

By Kelly Hashway

Match each vocabulary word on the left with the definition on the right.



1. _____ disappoint

a. complete

2. _____ probably

b. sofa

3. _____ finish

c. let down

4. _____ offered

d. looked at with eyes wide open

5. _____ couch

e. promised

6. _____ evening

f. likely

7. _____ agreed

g. time of day before bedtime

8. _____ stared

h. showed a willingness to help someone

Now try this: Find each of the words above in the story and highlight them.

Name: _____

Subtraction

Subtract to find the differences.

a.
$$\begin{array}{r} 31,310 \\ - 14,794 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 51,359 \\ - 7,469 \\ \hline \end{array}$$

c.
$$\begin{array}{r} 60,238 \\ - 58,349 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 57,685 \\ - 9,277 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 87,576 \\ - 12,068 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 75,358 \\ - 23,663 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 95,832 \\ - 63,925 \\ \hline \end{array}$$

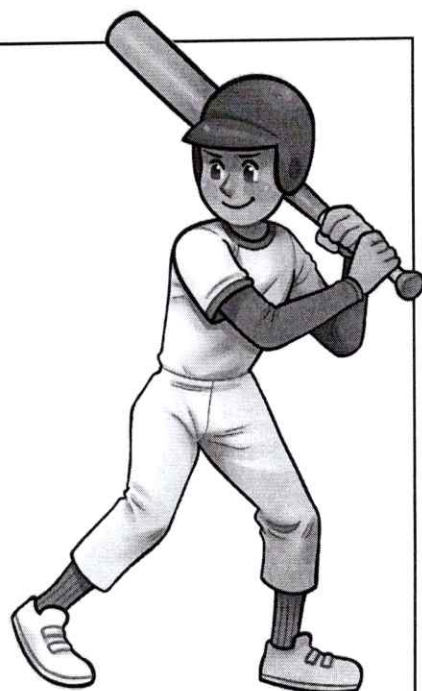
h.
$$\begin{array}{r} 84,450 \\ - 27,280 \\ \hline \end{array}$$

i.
$$\begin{array}{r} 31,519 \\ - 21,418 \\ \hline \end{array}$$

j.
$$\begin{array}{r} 72,712 \\ - 68,925 \\ \hline \end{array}$$

- k. A college town has 32,108 people in July.
It has 52,866 in September. How many more
people live there in September?

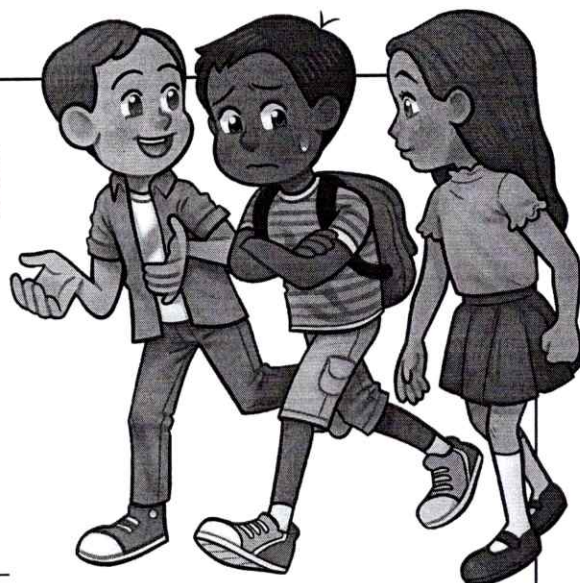
- l. A baseball stadium has 18,641 seats.
12,987 have been sold for the next game.
How many are still available?



Name: _____

Friends Helping Friends

By Kelly Hashway



1. What did Jared want to do to help Carlos?

2. What did Jared want to do to help Chianne?

3. How did Jared feel when he arrived home from school?

- a. excited b. hurt
c. angry d. overwhelmed

4. Why was Jared nervous about calling his friends?

- a. He was afraid they would be upset with him for not helping enough.
b. He was afraid they would ask him to do even more.
c. He was worried that they would not help him with his science project.
d. He was worried that his friends would not answer the phone.

5. Are Carlos and Chianne being good friends to Jared? Tell why or why not.

Name: _____

Addition

Find the sums.

a.
$$\begin{array}{r} 17,014 \\ + 3,678 \\ \hline \end{array}$$

b.
$$\begin{array}{r} 25,416 \\ + 10,934 \\ \hline \end{array}$$



c.
$$\begin{array}{r} 34,926 \\ + \quad 94 \\ \hline \end{array}$$

d.
$$\begin{array}{r} 18,671 \\ + 1,345 \\ \hline \end{array}$$

e.
$$\begin{array}{r} 64,495 \\ + 12,876 \\ \hline \end{array}$$

f.
$$\begin{array}{r} 56,681 \\ + \quad 799 \\ \hline \end{array}$$

g.
$$\begin{array}{r} 646 \\ + 39,475 \\ \hline \end{array}$$

h.
$$\begin{array}{r} 95,827 \\ + 7,681 \\ \hline \end{array}$$

i.
$$\begin{array}{r} \$11,862 \\ + 8,234 \\ \hline \end{array}$$

j.
$$\begin{array}{r} \$34,799 \\ + 10,412 \\ \hline \end{array}$$

- k. The championship game was played last weekend.
The home team had 34,286 fans in attendance.
The visiting team had 25,417 fans show up.
How many fans were at the game? _____

- l. The snack bar sold 20,575 bottles of water.
They also sold 9,427 bottles of soft drinks.
How many bottles did the snack bar sell? _____

"Rough day?" his mother asked.

"More like rough weekend. I have to finish my science fair project, help Carlos with the park clean-up, and help Chianne walk Mrs. Vanderhoof's dogs."

"Sounds like you agreed to too many things this weekend," his mother said.

"I know, but Carlos and Chianne are my friends. I couldn't say 'no' to them. I didn't want to let them down." Jared stared at his mom.

"What should I do?"

"I'm glad you want to help your friends, but you need to have time for your own things, too."

Jared knew she was right. "Maybe I can tell Carlos I can only help for two hours in the morning. And I can probably help Chianne walk Mrs. Vanderhoof's dogs early in the morning, but not at lunchtime or in the evening." Jared's stomach flopped. "Mom, do you think they'll get mad?"

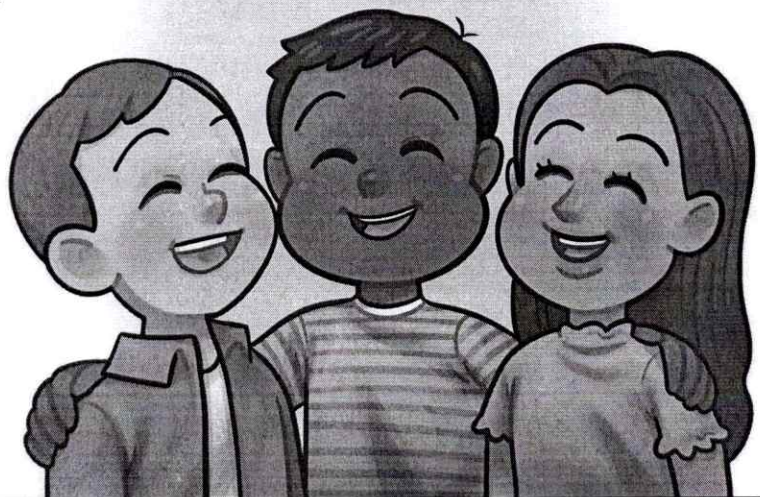
"They're your friends. Tell them you need time to finish your science fair project. They'll understand."

Jared nodded and got the phone. He told Carlos and Chianne the truth. As soon as he hung up, he turned to his mom.

"They're fine with it, and they both offered to help with my project, too."

"I knew it would work out," Mom said.

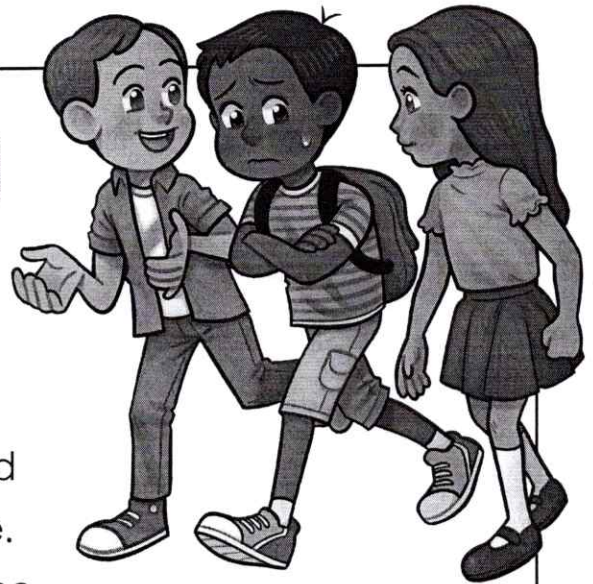
Jared smiled. "Yeah, because friends help each other out."



Name: _____

Friends Helping Friends

By Kelly Hashway



Jared put on his coat and backpack and walked out of school to catch his bus home. His backpack weighed him down with all the materials he needed to finish his science fair project this weekend.

"Hey, Jared!" Carlos yelled, running up to him. "My dad's running the park clean-up this weekend. Can you help out?"

"Um..." Jared knew he didn't have time to help, but he didn't want to disappoint Carlos. "I guess I can."

"Great. Thanks!" Carlos said, waving goodbye.

Jared stepped onto the bus and took his seat. He was going to have to stay up late tonight to work on his project so he could help Carlos in the morning.

"Jared," Chianne said, sitting down next to him. "I've been looking for you. I have to walk Mrs. Vanderhoof's dogs this weekend. Do you think you could help me?"

"Um..." Jared knew Mrs. Vanderhoof's dogs had to be walked three times a day. How would he manage to fit that in on top of everything else? "I guess I can."

"Great!" Chianne waved goodbye as the bus pulled up to their stop.

Jared's backpack felt even heavier as he walked into the house and flopped down on the couch.