5th Grade Blizzard Bag
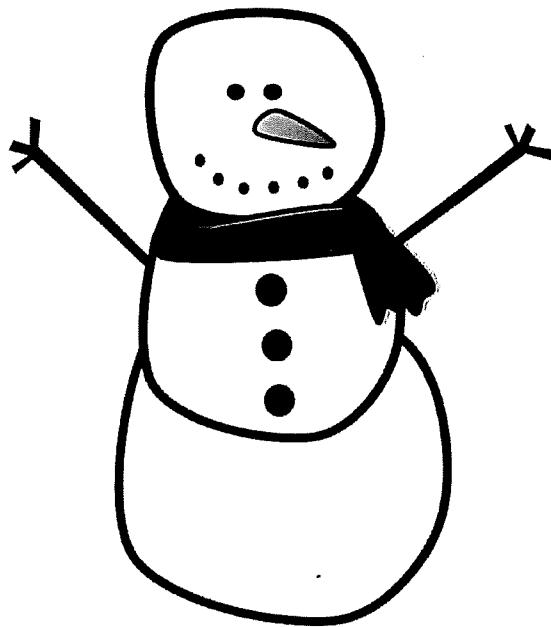
Name: _____

Mrs. Harvey: kharvey@blossoms.k12.mn.us
Mr. Kiehne: jkiehne@blossoms.k12.mn.us
Mrs. Hadrath: dhadrath@blossoms.k12.mn.us

5th Grade Snow Day Tasks
(Refer to Blizzard Bag packet sent home):

- Two math worksheets
  - Reviewing multiplication, division, decimal place value and rounding
  - Choose 5 word problems
- Compare and contrast two selections for reading
  - The See-Through Frog
  - The Footprints
  - Two "Show What You Know" pages
- Map practice
  - Tornado Alley (2 pages)
- Read Scholastic News articles
  - Complete the "news review" questions on the back

- Other options if you choose to:
  - Language Arts IXLs due Friday
    - O.1 (Smart Score 80)
    - T.3 (Smart Score 80)
  - Earn a green light on Reflex
  - Tower of Books reading and book reports

Math

Complete 5 of the word problems on the backside of this worksheet as well.

1) 245 x 7 = _____

2) 78 x 43 = _____

3) 1,222 ÷ 26 = _____

4) 686 ÷ 7 =

5) 45.65 + 2.98 = _____

6) 72.83 + 4.3 = _____

7) 267.56 − 34.31 = _____

8) 35.2 − 2.84 = _____

Round the decimals to the place value indicated.

9) 23.5; ones _____

10) 7.358; hundredths _____

11) 4.32; tenths _____

12) 8.172; tenths _____

13)

(7 x 4 + 3) - 9

= _____

14)

$6 \times (14 + 4) - 4^2$

= _____

Name : _____   Score : _____

Teacher : _____   Date : _____

Pick and complete 5 problems.

Word Problems

1) A restaurant served 43 hamburgers during lunch and 10
   during dinner today. How many hamburgers were served today ?   _____

2) There are 47 pine trees currently in the park. Park workers will plant 39
   more pine trees today. How many pine trees will the park have when the
   workers are finished ?   _____

3) Sara has 36 muffins, which he needs to box up
   into dozens. How many boxes does she need?   _____

4) There are 1470 students at a school. If each
   classroom holds 30 students, how many classrooms are needed at the school?   _____

5) Dan earns $12.50 an hour cleaning houses. If he works from 8:00am to 5:00pm,
   how much money will he make ?   _____

6) Sara has saved 4600 cents from selling lemonade.
   How many dollars does Sara have?   _____

7) Sally has saved 37 quarters from washing cars.
   How many cents does Sally have ?   _____

8) Jessica has 11 black balloons. Fred has 42 times more black balloons
   than Jessica. How many black balloons does Jessica and Fred have ?   _____

9) Sandy decided to sell all of her old books. She gathered up 44 books to sell.
   She sold 28 books in a yard sale. How many books does Sandy now have ?   _____

0) Jason's high school played 37 soccer games this year. He attended
   27 games. How many soccer games did Jason miss ?   _____

Math-Aids.Com

The See-Through Frog

Would you like it if your skin were transparent? If your skin were transparent, you could see through it. You could see your internal organs, like your heart, lungs, and kidneys, as well as your veins and arteries.

Humans are not transparent, but there are real-life frogs that are. Some of the frogs live high in the treetops of Central and South American rainforests. Other transparent frogs come from Japan. These frogs were developed by scientists. They were bred for their light-colored skin. The frog's skin is so light that one can see through it, and the frog's organs, veins, and arteries are completely visible.

Scientists bred these frogs for a reason. Before, scientists had to dissect, or cut open, a frog when they wanted to look at its internal workings. Scientists could learn about frogs from dissecting them, but the information they gathered was only a moment in time. It was like a snapshot. It did not show them a process.

By using transparent frogs, scientists can watch over time how organs develop. They can study the effect of toxins and tumors on organ development. A toxin is a poison. A tumor is a growth of extra tissue on some part of the body.

Transparent frogs cannot be exposed to direct light. Their skin is too light-colored to protect their internal workings from the sun. Trees protect rainforest frogs from the direct sunlight. In the lab, scientists are careful to only use dull light.

The Footprints

One morning Susannah said, "Please set an extra bowl, Mom. My invisible friend Elizabeth is coming for breakfast."

Susannah's mother tried not to smile as she set the extra bowl. "Good morning, Elizabeth," she said as she poured a little bit of cereal into the bowl. Susannah's mother poured some cereal into her daughter's bowl, and then she walked over to the counter to pour herself a cup of coffee. When she turned around, she saw that the extra bowl was empty. "Elizabeth was hungry," she said smiling. "Does she want some more?"

"No," Susannah answered, "but she wants to know if she can have your old boots."

Looking puzzled, Susannah's mother asked, "What old boots?"

"The ones you lost in the woods last summer," replied Susannah.

"Oh," said Susannah's mother. "Of course she can have them."

Just then Susannah's mother heard the door open. "That's strange," she said. "The door must not have been latched properly."

"It's just Elizabeth leaving," said Susannah. "Mom, she's awfully glad you let her have the boots. Her feet get real cold when she has to walk barefoot in the snow."

Susannah's mother laughed as she went to shut the door. As she shut the door, she noticed fresh boot tracks going down the steps and across the yard towards the woods. She also noticed a different set of footprints coming the other way. The footprints were beginning to fill with snow, but they looked very much like the tracks of a barefoot child.

Show What You Know

The following are questions based on the passages "The See-Through Frog" and "The Footprints." If needed, you may look back at the passages to answer the questions.

1. **Which is not an organ?**
   Ⓐ lung
   Ⓑ vein
   Ⓒ heart
   Ⓓ kidney

2. **What did Susannah's mother think when she heard the door open?**
   Ⓐ that Elizabeth was leaving
   Ⓑ that the snow would blow in
   Ⓒ that it had not been latched properly
   Ⓓ that Susannah's friend was getting her boots

3. **What did you read about in both stories?**
   Ⓐ something transparent
   Ⓑ something that cannot be real
   Ⓒ something with invisible organs
   Ⓓ something that has been developed

4. **Most likely, the development of see-through frogs might mean**
   Ⓐ fewer frogs are dissected.
   Ⓑ fewer scientists study toxins.
   Ⓒ fewer frogs will develop tumors.
   Ⓓ fewer scientists will go to rain forests.

5. **A fiction story is not real. One can tell that the story "The Footprints" is fiction because**
   Ⓐ skin can never be transparent
   Ⓑ a transparent person would not leave footprints
   Ⓒ there cannot be a completely transparent person
   Ⓓ scientists have not yet bred transparent arteries

18

Show What You Know (cont.)

6. **Compare the two kinds of see-through frogs in the story.**

	Frog 1	Frog 2
bred by scientists (yes/no)	no	
where found		
how protected from direct light		

7. **On the longer line, write down who said what in the story. Then, list in order when it was said. Put "1" by what was said first. Put "5" by what was said last.**

_____ "What old boots?"   _____

_____ "It's just Elizabeth leaving."   _____Susannah_____

_____ "The door must not have been latched properly."   _____

_____ "Please set an extra bowl."   _____

_____ "Of course she can have them."   _____

Write three or more sentences that tell what each story is about.

8. **"The See-Through Frog"**

_____

_____

_____

_____

9. **"The Footprints"**

_____

_____

_____

_____

10. **What if direct sunlight could instantly harm you? Or, what if you were completely transparent? Explain how your life might change.** (Use a separate piece of paper. Your answer should be one paragraph long.)

Name: _____ **Date:** _____

Directions: This map shows Tornado Alley in the United States. Study the map, and answer the questions.

Tornado Alley
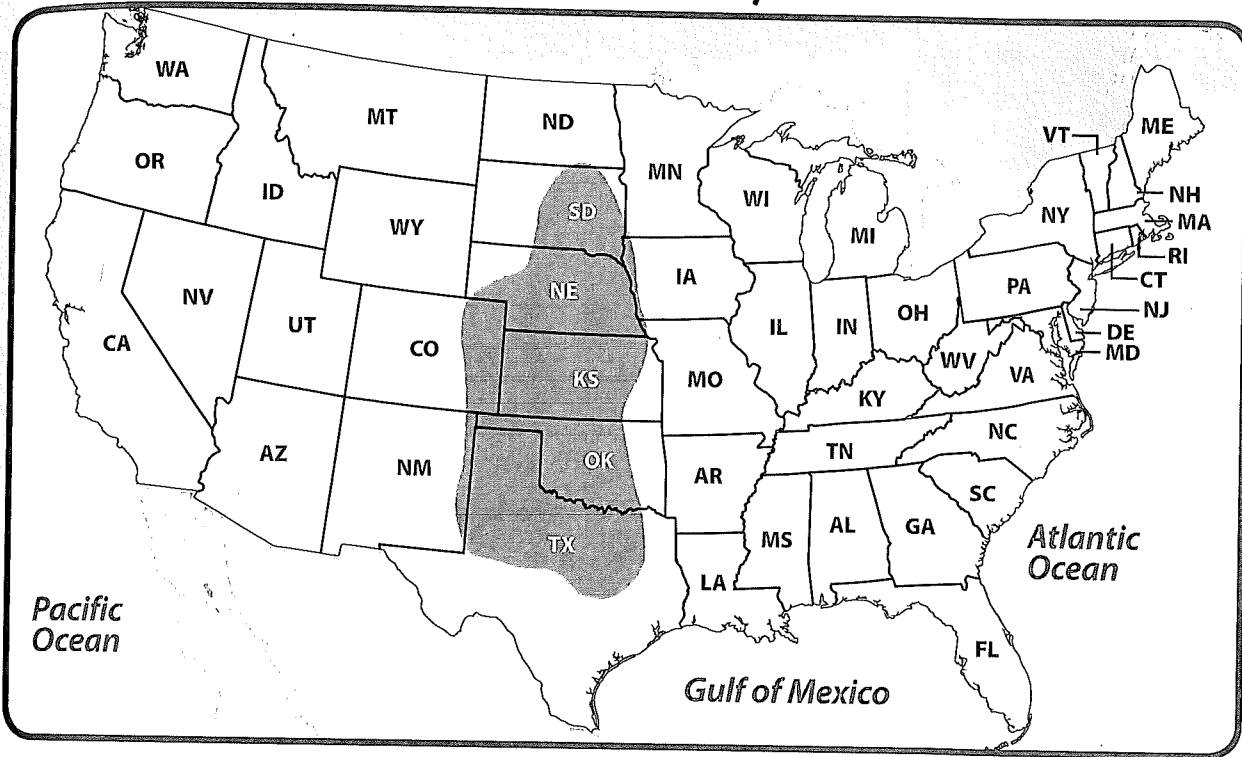
1. Which states are in Tornado Alley?

_____

_____

2. Why might this region be named "Tornado Alley"?

_____

_____

_____

3. Describe the location of Tornado Alley in the United States.

_____

_____

_____

Creating Maps

Name: _____   Date: _____

Directions: Follow the steps to complete the map.

WA		MT	ND		MN					VT	ME
OR	ID				WI	MI		NY		NH MA
		WY						PA	RI CT
NV	UT				IL	IN	OH		NJ DE MD
CA			MO		KY	WV	VA	
AZ		AR	TN		NC	
	LA	MS	AL	GA	SC	Atlantic Ocean
			FL

Gulf of Mexico
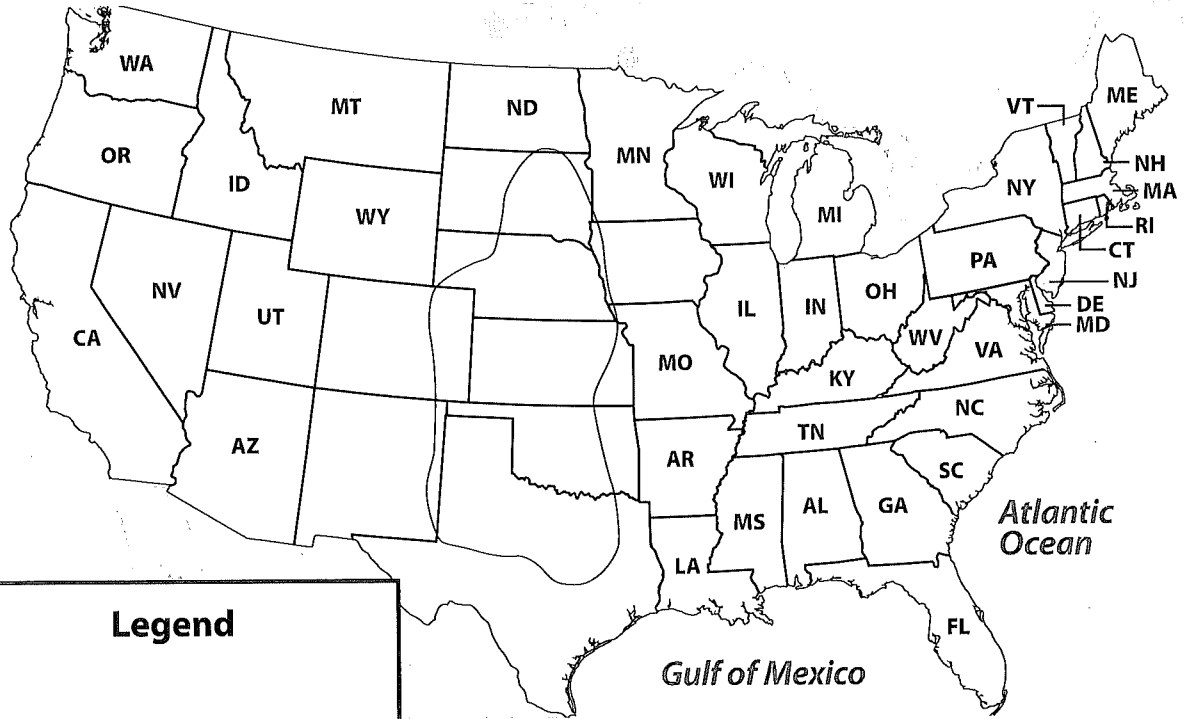
Legend

Word Bank			
Texas (TX)	Kansas (KS)	South Dakota (SD)	Colorado (CO)
Oklahoma (OK)	New Mexico (NM)	Nebraska (NE)	Iowa (IA)

1. Label the states in Tornado Alley. Use the state names in the box to help you.

2. Shade the Tornado Alley region.

3. Create a legend to show what the shaded region represents.

4. Add a compass rose to the map.

5. Add a title to the map.