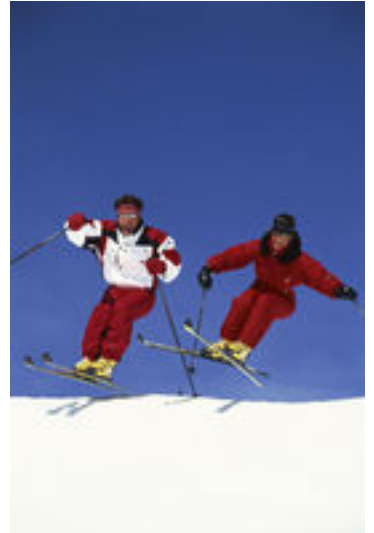


Name: _____

Freestyle Skiing - Ski Cross

Ski cross is a type of freestyle snow skiing. Four skiers go down the slope at the same time, side-by-side. The skiers race down the slope as fast as they can, gaining speed. There are ridges. There are banks of snow and many other challenges on the course, too. The skiers must be able to handle the challenges. They must be able to ski close to others. They must not touch any other skier. They must be able to ski fast without falling. The first two skiers that cross the finish line move on to the next round. Ski cross is like having a foot race with friends. In ski cross, skiers must go fast and be able to stay on their skis!



Freestyle Skiing - Ski Cross

Questions

1. How many of the four skier(s) will move on to the next round?

- _____ 2. Only one skier is allowed down the slope at a time.

A. true
B. false

- _____ 3. Ski cross skiers try hard not to _____.

A. fall
B. touch other skiers
C. go slower than others
D. all of the above

- _____ 4. The word "banks" in the passage refers to which of the following definitions?

A. places where people deposit and withdraw money
B. piles of snow with sloping sides
C. rows of flowers
D. all of the above

☐ Do you like to race others? What type of races do you like to have? Explain in detail.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Name: _____

Ski Jumping

Caption: View from the top of the ski jump used at the 2002 Winter Olympics



Have you ever wanted to fly? Imagine if you could sail through the sky. Feel the wind in your face. See the snow covered ground beneath you. Could this really happen? It could if you become a ski jumper! Ski jumping is an Olympic sport. Men from different countries compete in this event. Women began competing in this Olympic event in 2014.

Ski jumping has four different parts: the in-run, the take-off, the flight, and the landing. First, ski jumpers ski down a long ramp. It is called an in-run. Then they sail off of the ramp and take off. They do this really fast. Now it's time to fly! This part is known as the flight. Once the jumpers are in the air, they angle their skis into a "v." This technique helps skiers fly longer and farther. Finally, the athletes land. After a skier lands, a panel of judges gives him a score. Each skier can earn points for two things. He receives points for his style. He also receives points for his distance.

In the Olympics, male ski jumpers can compete in three different ways. There are normal hill events. There are also large hill events. Finally there is a team event. Each event has two rounds. During round one, each athlete will jump. Judges will score the jump. Then each skier will jump again. In round two the ski jumpers with the lowest scores will jump first. The best jumpers are saved for last. In the end, the skier or team with the highest score will earn a gold medal. The second place ski jumper will earn a silver medal. The third place jumper will go home with a bronze medal. The other ski jumpers will go home with a lot of memories and maybe a new goal: practice, practice, practice, and come back to the Olympics in four years!

Ski Jumping

Questions

1. A ski jump has four steps. What are they?

2. Choose the best title for the text:

- A. I'm Afraid of Heights!
- B. Ski Jumping: Ski Down and Fly High
- C. Jump Up and Get Down!
- D. Fly Like a Bird

Name: _____

- _____ 3. The author probably wrote this article to:
- A. describe the ski jump scoring system
 - B. inform you about ski jumping
 - C. demonstrate the "v" technique
 - D. persuade you to try ski jumping
- _____ 4. Which of the following is true about Olympic ski jumping?
- A. It takes place on grass.
 - B. Both men and women compete.
 - C. Players wear ice skates.
 - D. Skiers try to land in a net.

Write four words to describe this teddy bear.

1. _____

2. _____

3. _____

4. _____



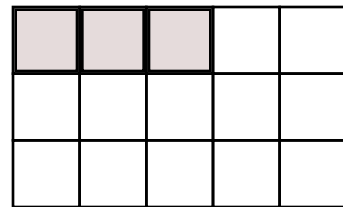
©edHelper

What are 32 tens equal to?

What are 10 tens equal to?

Write the number for
three thousand, nine
hundred one.

What fraction of the
box is shaded?



$\frac{\square}{5}$

If $\square = 4$, then $11 - \square =$ _____

Insert a comma in the appropriate
place in this sentence.

I thought about which book to
choose for my report and I finally
decided on *Tom Sawyer*.

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Winter Olympics

Name: _____

Ole Einar Bjordalen

What do you get when you combine the sports of cross-country skiing and competition shooting? You get a sport called the biathlon. What happens when you give a Norwegian named Ole Einar Bjordalen a pair of skis and a rifle? You get one of the best biathletes who ever lived.

The biathlon got its start in Ole's home country of Norway in 1861. The soldiers spent a lot of time on skis. It was important for them to be able to ski and shoot at the same time. The training became very popular in other countries. Soon people other than soldiers took it up. Now people from all over the world compete in the biathlon. There are World Cup events. Teams compete at the Winter Olympics.



Ole was born on January 27, 1974, in Norway. By the age of nineteen, he was already a great biathlete. In 1993, he became the first biathlete to win all three gold medals at the Junior World Championships. Since then he has won many, many championships. He has won five Olympic gold medals, fourteen World Championship gold medals, and has ninety-one World Cup wins.

Ole was also the first athlete to win gold in all four biathlon contests. He did this in the 2002 Olympics in Salt Lake City. Ole said he wants to win nine Olympic gold medals before he retires. He said he wants to retire after the 2014 Winter Olympics in Sochi, Russia.

Ole is a fast skier. Sometimes he competes in cross-country races. He has even won some cross-country World Cup competitions. He is also a very good shooter but not the best. In some races, he uses fast skiing to make up for imperfect shooting.

Ole will be on Norway's biathlon team in the 2010 Winter Olympics in Vancouver.

Ole Einar Bjordalen

Questions

- _____ 1. Ole Einar Bjordalen was born in what country?
- A. Norway
 - B. Russia
 - C. Sweden
 - D. The Netherlands

Name: _____

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- _____ 2. In what event does Ole compete?
- A. ski jumping
 - B. biathlon
 - C. football
 - D. ice skating
- _____ 3. Ole is one of the best in his sport.
- A. true
 - B. false
- _____ 4. How many Olympic gold medals has Ole won?
- A. eight
 - B. seven
 - C. five
 - D. six
- _____ 5. In what year did Ole win gold medals in all his sport's competitions at the Olympics?
- A. 1994
 - B. 2002
 - C. 2006
 - D. 1998
- _____ 6. What two activities are parts of a biathlon?
- A. running and swimming
 - B. skiing and shooting
 - C. running and shooting
 - D. skiing and running
7. After what year's Olympics has Ole said he wants to retire?

8. How many gold medals does Ole want to win before he retires?

What is the sum of 10 and 295?

You have a playdate in 180 minutes. How many hours is that?

Find the product of 9 and 3.

word root **mar** can mean **sea** **submarine, marina**

Winter Olympics

- ☐ Do you think a biathlete has to be the best skier and the best shooter to be the best in his sport? Why or why not?
- ☐ Would you rather ski on water or on snow? Tell why.
- ☐ Would you rather be a skier or skater? Tell why.
- ☐ Ole Einar Bjorndalen's goal is to win nine Olympic gold medals before he retires. What is your goal? Tell about it.

[illegible]

Name: _____

Olympic Ski Jumping

You are at the top of a hill waiting for the bell. When it is your time, you push off. You glide down the ramp at top speed. Finally, you lift off and begin your 30-second flight. No, you have not turned into a bird. You are experiencing the event of Olympic **ski jumping**.



Let's go back to Norway in 1868. Ski jumping existed many years before that. However, Sondre Nordheim had the first officially measured jump during this year. Nordheim jumped a distance of 30 meters. In that year, the first national ski jumping contest took place in Christiania, Norway.

Ski jumping became a regular event at ski carnivals in Norway. It became very popular in 1892. The Norwegian royal family donated the "King's Cup" as a trophy for one of Norway's annual contests. Ski jumping came to the United States during the 1880s. Norwegian immigrants taught the sport to Americans. The first American ski jump contest happened on February 8, 1887. Mikkel Hemmestvedt, a Norwegian immigrant, was the winner.

The ski jumping method has changed over the years. During the 1920s, Thulin Thams and Sigmund Rudd from Norway invented their own **technique**. This jumping style was called the **Kongsberger technique**. The skier would jump with his upper body bent at the waist. This caused his body to have a wide forward lean. His arms would also be extended in front of his body. The skis would be parallel to each other. Today, ski jumpers use the **V-style**. As the skiers become **airborne**, their bodies lean forward. Their skis are held in a V-shape. The skiers' arms are also held behind their backs. This position helps the skiers to maintain their **lift**.

In 1924, ski jumping was added as an Olympic event for men. At the first Winter Olympics in Chamonix, France (1924), ski jumping and cross-country were the only two skiing events. Ski jumping contests are held on two different hills in the Olympics. The **large hill** has a height of 120 meters (394 feet). It has been this height since the 1992 Olympics. From 1924 to 1956, skiers would jump from various heights during this event. It was 80 meters from 1960 to 1964 and 90 meters from 1968 to 1988. The **normal hill** event started at the 1964 Olympics. Its current height is 90 meters (295 feet). It was 70 meters (230 feet) from 1964 to 1992.

Each country competes in three events for men called the **individual normal hill**, **individual large hill**, and **team large hill**. The team large hill event has been in the Olympics since 1988. All skiers get two jumps. Their landings are taped so that they can be measured accurately. The skiers receive points based on the length of their jumps. Shorter jumps receive fewer points than longer jumps. Five judges rate each jumper's style. They use a scale from zero to twenty. The judges drop the lowest and highest scores. Sixty points is a perfect score. Skiers who have the highest combined total for distance and style receive a gold medal. For the team event, it has to be the highest team combined total. One women's ski jumping event was added to the 2014 Winter Olympics. So

Name: _____

tune into the Olympics to see daring jumpers take their 30 second flights.

Olympic Ski Jumping

Questions

_____ 1. The first measured ski jump occurred in _____.

- A. 1860
- B. the 1500s
- C. 1872
- D. 1924

2. What is the main idea of paragraph number 4?

3. What is the Kongsberger method?

_____ 4. Ski jumping became popular in Norway after the Norwegian royal family donated the King's Cup as a trophy for one of the contests.

- A. false
- B. true

5. Why do you think the heights of the Olympic hills have changed over the years?

_____ 6. All skiers get _____ jumps during the competition.

- A. 5
- B. 3
- C. 4
- D. 2

_____ 7. The normal hill's current height of 90 meters was used during the 1992 Olympics.

- A. true
- B. false

Name: _____

8. Complete the following sentence: During the jumps, the skier's landings are taped _____.

$$29 + \underline{\quad} + 26 = 66$$

Write a 4-digit even number.

$$108 \div 9 =$$

Write the number that is one ten more than 7,619.

$$437 + 6 =$$

How many total legs are on 14 elephants?

6165, 5616, 6561, 1656,
6165, 5616, 6561, 1656,
_____, 5616, 6561, 1656,
6165, 5616

At 4 p.m. today, Anna will not be able to use her electronics for 4 hours. At what time will she be able to resume using her phone?

Jason bought 4 dozen cupcakes for a party. How many cupcakes did he buy?

How many tens are in the number 4,400?

Round 87 to the nearest ten.

Anna has 25 nickels. How much money is that?

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Name: _____

Bill Koch was the first American male to win a cross-country Olympic medal. He won the silver medal in the 30 km race in 1976. How far is 30 km in miles? (Hint: 1 km = 0.62mi)

Two-thirds of the people at the ski jumping competition were adults. Half of the adults were women. One-fifth of the women were from Italy. There were 7213 people at the competition. How many were adult Italian women?

Anne bought a figure skating jersey for her father. It cost \$85.53. She paid for it with a \$100 bill. How much change did she get?

Hunter likes cross-country skiing. He needs some new boots, skis, and gloves. He can buy them from Chan's Cross Country Club for \$900.60. If he waits two weeks, he can buy them from Chan's on sale for \$756.5. How much will he save if he buys them on sale?

What is the greatest common factor of 2 and 10?

What is the greatest common factor of 2 and 10?

What is the least common multiple of 3 and 6?

Name: _____

Kevin's total score in the figure skating finals was 37.84. Jack's total score was 41.37. How many points more did Jack score than Kevin?

Anne practices figure skating from 2:15 p.m. to 8:00 p.m. every day except Sunday. On Sunday she practices for 4 hours. How many hours and minutes does she practice in a week?

Michelle Kwan and Sasha Cohen are both 5 ft 2 in. tall. How many centimeters tall are they? (Hint: 1 in. = 2 1/2 cm)

Robert likes cross-country skiing. He needs some new boots, skis, and gloves. He can buy them from Chan's Cross Country Club for \$916.65. If he waits two weeks, he can buy them from Chan's on sale for \$769.99. How much will he save if he buys them on sale?

Write the number that has exactly 7 hundreds.

Name the shape with seven sides and seven angles.

Anne bought a pack of six waters. It cost \$3.48. How much did each water cost?

Name: _____

Gavin's total score in the figure skating finals was 36.86. Alex's total score was 41.51. How many points more did Alex score than Gavin?

Maria practices figure skating from 2:15 p.m. to 8:00 p.m. every day except Sunday. On Sunday she practices for 3 hours. How many hours and minutes does she practice in a week?

Two men's cross-country skiing events were added to the Olympics in 1924. Women's cross-country skiing was not included until the 1952 Olympics. How long after the first men's cross country skiing events was it until the women's events were added?

Bill Koch was the first American male to win a cross-country Olympic medal. He won the silver medal in the 30 km race in 1976. How far is 30 km in miles? (Hint: 1 km = 0.62mi)

How many hundreds are in the number 250,000?

140, 150, 160, _____,
180, 190

$$3 + 4 + 6$$

word root **de** can mean **from or down****deposition, descriptive, determination**

Name: _____

Mrs. Garcia arranged a trip to Torino, Italy, for 18 people. The treasurer of the group paid for the trip by check. Airfare was \$812.86 per person. The hotel in Torino was \$125 per person per night for 5 nights. Tickets to the ski jumping finals were \$199 per person. Each person paid for his or her own food. What was the total cost of the trip for the group?

Wendy started out on her cross-country skiing trip at 9:42 a.m. She finished the trip at 5:21 p.m. How long did she ski?

Mary practices skiing for 2 1/2 hours every day except Saturday and Sunday. She practices for four hours on Saturday and three hours on Sunday. How many hours does she practice in a week?

Bill Koch was the first American male to win a cross-country Olympic medal. He won the silver medal in the 30 km race in 1976. How far is 30 km in miles? (Hint: 1 km = 0.62mi)

$$11 \times 5 + 6 \times 11$$

$$1 + 2 - 2$$

$$\underline{\hspace{1cm}} \div 12 = 9$$

Name: _____

Kevin is going to take cross-country skiing lessons. There are two rates for the lessons. Rate 1 is \$25 per hour. Rate 2 is \$110 for 5 hours. If Kevin takes 20 hours of lessons, how much will he save using Rate 2 instead of Rate 1?

At the ski jumping competition, five jumpers sailed through the air for more than 100 meters. Their distances were 127.3, 133.6, 134.2, 129, and 122.3 meters. What was the median distance they jumped? The mean? The range?

Two men's cross-country skiing events were added to the Olympics in 1924. Women's cross-country skiing was not included until the 1952 Olympics. How long after the first men's cross country skiing events was it until the women's events were added?

Sixteen skiers are competing in the first round of the cross-country skiing event. After each round, only half of the skiers will go to the next round. How many rounds will have been skied when there is one skier left?

$$36 \div 6 =$$

$$11 \times 15 \div 3$$

45, 54, 63, 72, 81, 90,
_____, 108, 117

word root **pugn** can mean **fight** **pugilist, pugilism**

Winter Olympics



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\times
 $\times =$
 $- \div < - >$

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