Roller Derby

Materials needed:
- Multi-Game Cards
- Game Board
- Two 6-sided dice

Object of the Game:
Be the first to scratch off the numbers on your game board in order.

To Play:
Shuffle the game cards and put them in a pile where everyone can reach them. The first player answers a question to earn the chance to roll. Players are trying to scratch off the numbers on the game board in order.

The first player rolls the two 6-sided dice, trying to scratch off 1. He can scratch off 1 for any of these three rolls:

- Either of the dice turns up a 1.
- The two dice combined by any operation equals 1. For example, roll a 6 and a 5: 6 – 5 = 1.
- Roll Doubles.

If he gets the roll he needs, he gets to scratch off the 1. If he does not get the roll he needs, it's the next player's turn.

Once a player has scratched out 1, he is rolling to scratch out 2, then 3, etc.

To Win:
The first player to scratch out all of the numbers on his game card in order wins.

Printing: Landscape, two-sided, black and white

1	2	3
4	5	6

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Unit: 5th – Measurement and Data Analysis
Lesson: 5.7.A - Measurement Definitions
Roller Derby

1 1,760 yards	**2** 3 feet	**3** 12 inches	**4** 4 Quarts	**5** 2 pints	**6** 2 Cups
7 8 fluid ounces	**8** 2,000 pounds	**9** 16 ounces	**10** 1,000 meters	**11** 100 cm	**12** 10 mm
13 1000 mm	**14** 1,000 milliliters	**15** 1,000 grams	**16** 1,000 mg	**17** Mile, Yard, Foot, Inch	**18** Kilometer, Meter, Centimeter, Millimeter
19 Gallon, Quart, Pint, Cup, Fluid Ounce	**20** A Liter is 1,000 times larger than a milliliter.	**21** A ton weighs 2,000 times as much as a pound.	**22** Kilogram, Gram, Milligram	**23** milliliter	**24** grams
25 millimeters	**26** centimeters	**27** meters	**28** Kilograms	**29** Milligrams	**30** Liters
31 500	**32** 500	**33** 500	**34** 500	**35** 500	**36** 500
37 A. Miles E. Kilometers	**38** C. Cups D. Milliliters	**39** B. Pounds F. Kilograms	**40** B. Tons F. Kilograms	**41** B. Inches E. Centimeters	**42** C. Gallons D. Liters

1. How many yards are in 1 mile?

2. How many feet are in 1 yard?

3. How many inches are in 1 foot?

4. How many quarts are in 1 gallon?

5. How many pints are in 1 quart?

6. How many cups are in 1 pint?

1 Purple 	2 Red 	3 Yellow 
4 Blue 	5 Green 	6 PRYBG 

7. How many fluid ounces are in 1 cup?

5.7.A – Measurement Definitions – Roller Derby

8. How many pounds are in 1 ton?

5.7.A – Measurement Definitions – Roller Derby

9. How many ounces are in 1 pound?

5.7.A – Measurement Definitions – Roller Derby

10. How many meters are in a Kilometer?

5.7.A – Measurement Definitions – Roller Derby

11. How many centimeters in a meter?

5.7.A – Measurement Definitions – Roller Derby

12. How many millimeters in a centimeter?

5.7.A – Measurement Definitions – Roller Derby

1
Purple

2
Red

3
Yellow

4
Blue

5
Green

6
PRYBG

13. How many millimeters in a meter?

14. How many milliliters in a liter?

15. How many grams in a kilogram?

16. How many milligrams in a gram?

17. Put the following in order from longest to shortest: Foot, Inch, Mile, Yard.

18. Put the following in order from longest to shortest: Centimeter, Kilometer, Meter, Millimeter.

1 Purple 	2 Red 	3 Yellow 
4 Blue 	5 Green 	6 PRYBG 

19. Put the following in order from largest to smallest:
Cup, Fluid Ounce, Gallon, Pint, Quart

20. Which is larger? A Liter or Milliliter? And by how much?

21. Which weighs more? A pound or a ton? And by how much?

22. Put the following in order from heaviest to least heavy: Gram, Kilogram, Milligram

23. If you were measuring the amount of liquid in a sip of water, what metric measure do you think you would use?

24. If you were measuring the weight of a pencil, what metric measure do you think you would use?

1
Purple

2
Red

3
Yellow

4
Blue

5
Green

6
PRYBG

25. If you were measuring the distance across a baby's pinky fingernail, what metric measurement do you think you would use?

26. If you were measuring the length of a 5^{th} grade boy's foot, what metric measure do you think you would use?

27. If you were measuring the height of an NBA basketball player, what metric measure do you think you would use?

28. If you were measuring how much the principal of your school weights, what metric measure do you think you would use?

29. If you were measuring the weight of an eyelash, what metric measure do you think you would use?

30. If you were measuring the amount of water in a bathtub, what metric measure do you think you would use?

1 Purple 	2 Red 	3 Yellow 
4 Blue 	5 Green 	6 PRYBG 

31. How many milliliters are in .5 liters?

32. How many milligrams are in .5 grams?

33. How many millimeters are in .5 meters?

34. Half a liter is how many milliliters?

35. Half a Kilogram is how many grams?

36. Half a meter is how many millimeters?

1
Purple

2
Red

3
Yellow

4
Blue

5
Green

6
PRYBG

37. Which of these might you use to measure the distance from your house to the school? Choose 2.

A. Miles	D. Liters
B. Pounds	E. Kilometers
C. Gallons	F. Kilograms

38. Which of these would you use to measure the amount of water you need for a recipe? Choose 2.

A. Milligrams	D. Milliliters
B. Meters	E. inches
C. Cups	F. pounds

39. Which of these might you use to measure how much you weigh? Choose 2.

A. Miles	D. Liters
B. Pounds	E. Kilometers
C. Gallons	F. Kilograms

40. Which of these might you use to figure out how much a truck load of bricks weighs? Choose 2.

A. Miles	D. Liters
B. Tons	E. Kilometers
C. Gallons	F. Kilograms

41. Which of these might you use to measure the length of your finger? Choose 2.

A. Ounces	D. Liters
B. Inches	E. Centimeters
C. Gallons	F. Kilograms

42. Which of these might you use to measure how much water it takes to fill up a kiddie pool? Choose 2.

A. Miles	D. Liters
B. Inches	E. Centimeters
C. Gallons	F. Kilograms

1 Purple 	2 Red 	3 Yellow 
4 Blue 	5 Green 	6 PRYBG