

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

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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?

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4. How many quarts are in 1 gallon?

5. How many pints are in 1 quart?

6. How many cups are in 1 pint?

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1
Purple



2
Red



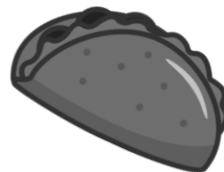
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7. How many fluid ounces are in 1 cup?

8. How many pounds are in 1 ton?

9. How many ounces are in 1 pound?

5.7.A – Measurement Definitions – Roller Derby

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10. How many meters are in a Kilometer?

11. How many centimeters in a meter?

12. How many millimeters in a centimeter?

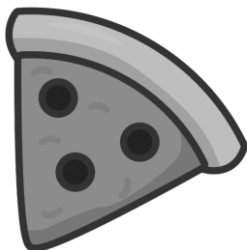
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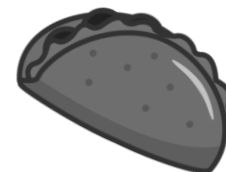
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13. How many millimeters in a meter?

14. How many milliliters in a liter?

15. How many grams in a kilogram?

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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.

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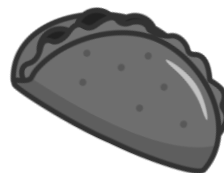
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19. Put the following in order from largest to smallest:
Cup, Fluid Ounce, Gallon, Pint, Quart

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?

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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?

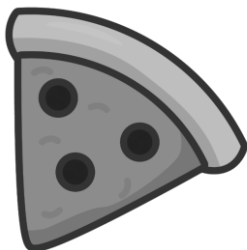
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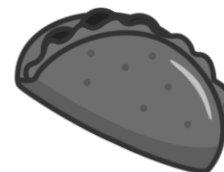
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25. If you were measuring the distance across a baby's pinky fingernail, what metric measurement do you think you would use?

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

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

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

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

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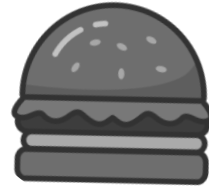
30. If you were measuring the amount of water in a bathtub, what metric measure do you think you would use?

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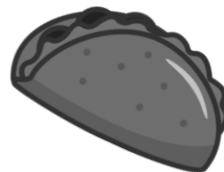
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31. How many milliliters are in .5 liters?

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32. How many milligrams are in .5 grams?

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33. How many millimeters are in .5 meters?

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34. Half a liter is how many milliliters?

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35. Half a Kilogram is how many grams?

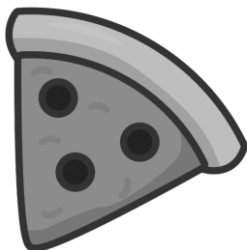
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36. Half a meter is how many millimeters?

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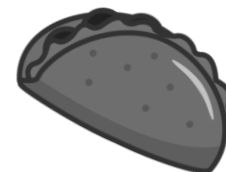
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37. Which of these might you use to measure the distance from your house to the school? Choose 2.

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

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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

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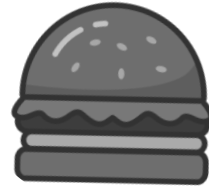
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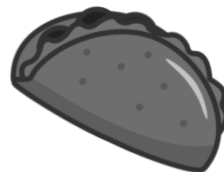
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