



1st
Basic

2nd
Advanced

Helping With Math

USA
GRADES

Comparing Objects Using their Sizes

Suitable for students
aged 5-7



This pack is suitable for learners aged 5-7 years old or 1st to 2nd graders (USA). The content covers fact files and relevant basic and advanced activities involving comparing of objects using their measurement.

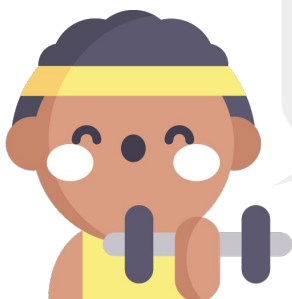
Compare two objects using direct comparisons, according to one or more of the following attributes: size, length, height, and weight.

Here are the definitions and some illustrative examples:



Size

The amount of space occupied by something determines if it is **small** or **big**.



You can do it!
Remember:
Math is fun and relevant!



smaller



bigger



Comparing Objects Using their Measurements

Length



The measure of something from end to end determines if it is **short** or **long**.



shorter



shorter



longer



longer

Height

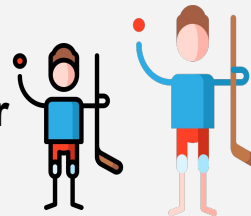


The measure of something from top to bottom determines if it is **short** or **tall**.



shorter

taller



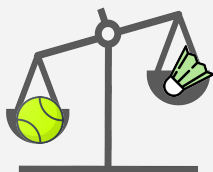
shorter

taller

Weight

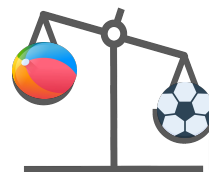


The weight of something determines if it is **light** or **heavy**.



heavier

lighter



lighter

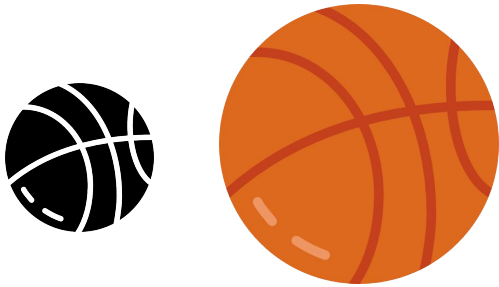
heavier



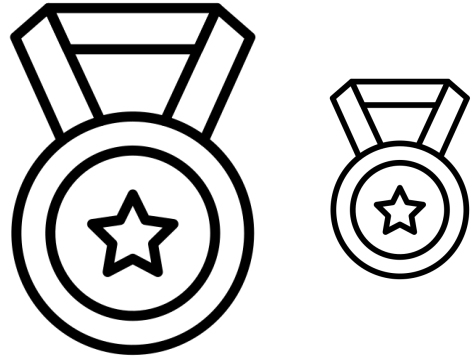
LET'S PRACTICE!

Size

Color the **bigger ball orange** and the **smaller ball black**.

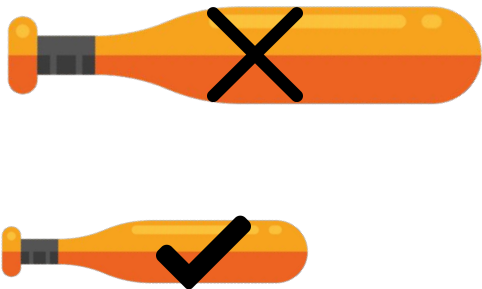


Color the **bigger medal violet** and the **smaller medal green**.

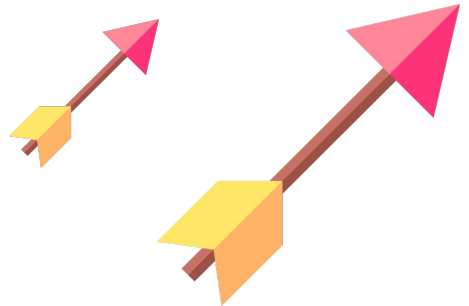


Length

Check (✓) the **shorter baseball bat** and **cross out (x) the longer**.



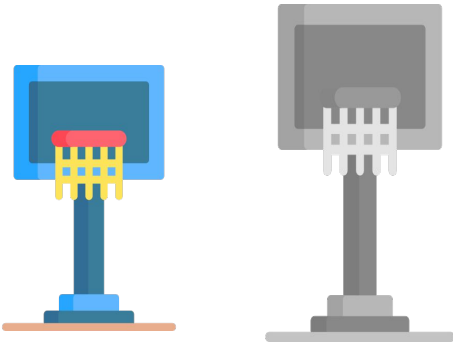
Check (✓) the **shorter arrow** and **cross out (x) the longer**.



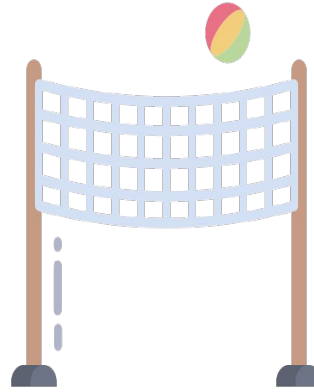
LET'S PRACTICE!

Height

Draw a basketball ring **taller** than the given.

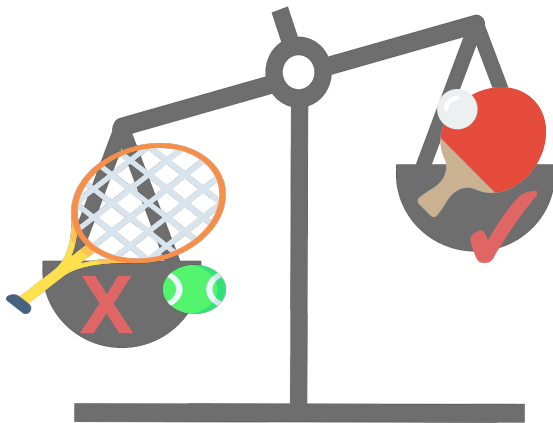


Draw a volleyball net **shorter** than the given.



Weight

Check (✓) the lighter racket and cross out (x) the heavier.



Check (✓) the lighter player and cross out (x) the heavier.



TABLE OF ACTIVITIES







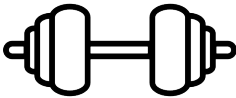
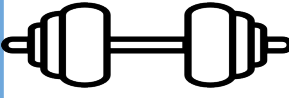












Ages 5-6 (Basic)		<u>1st Grade</u>
1	Match Up	
2	Ball Race	
3	Fun Racket Challenge	
4	Small but Teri-ball	
5	Big Bang Balls	
Ages 6-7 (Advanced)		<u>2nd Grade</u>
6	Players' Match	
7	Weight Station	
8	Marty Sporty	
9	Ready, Get Set, Draw!	
10	Drawing Marathon	



MATCH UP

G1
Basic

It's time for an exciting match! Encircle the letter of the object which has the same measurement as the given.

<p>1</p> 	<p>a</p> 	<p>b</p> 	<p>c</p> 
<p>2</p> 	<p>a</p> 	<p>b</p> 	<p>c</p> 
<p>3</p> 	<p>a</p> 	<p>b</p> 	<p>c</p> 
<p>4</p> 	<p>a</p> 	<p>b</p> 	<p>c</p> 
<p>5</p> 	<p>a</p> 	<p>b</p> 	<p>c</p> 



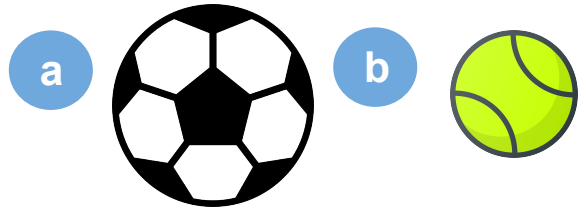
BALL RACE

G1
Basic

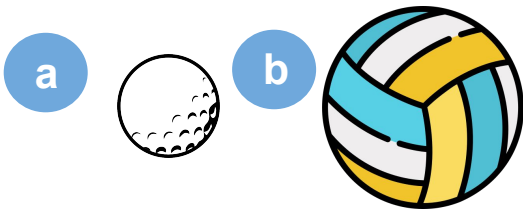
In each station you need to look at the pictures carefully, then encircle the letter of the correct answer until you reach the finish line.



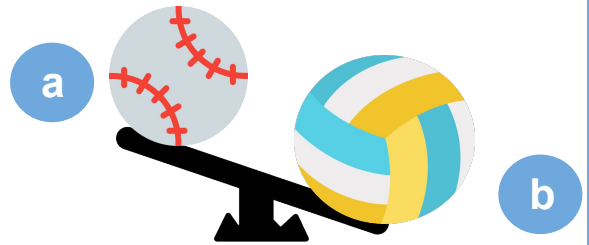
Station 1
Which ball is bigger?



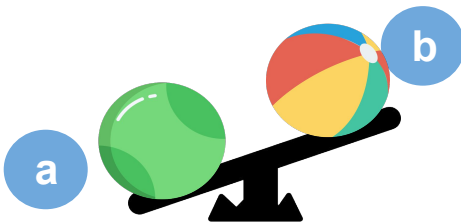
Station 2
Which ball is smaller?



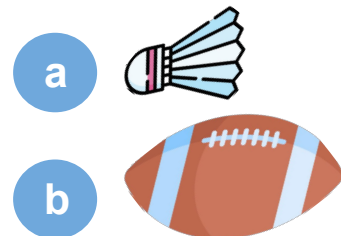
Station 3
Which ball is lighter?



Station 5
Which ball is heavier?



Station 4
Which ball is longer?



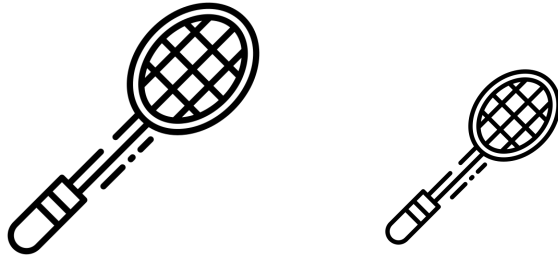
FUN RACKET CHALLENGE

G1
Basic

Let's explore these powerful rackets! Follow the instruction for each number.

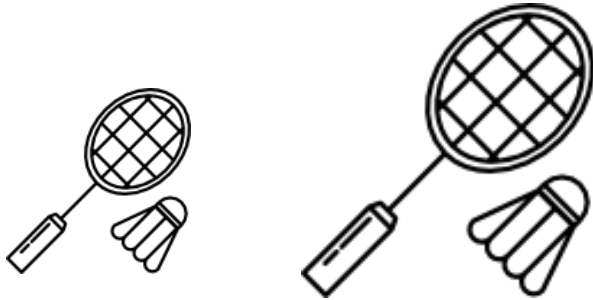
1

Color the **smaller** badminton racket.



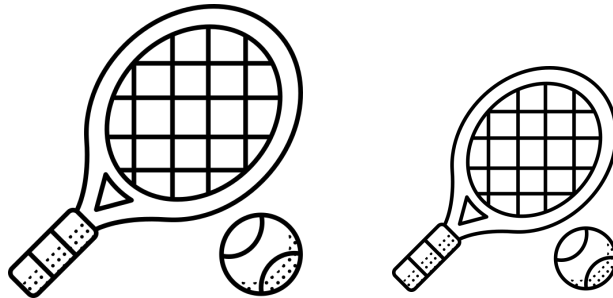
2

Color the **longer** tennis racket.



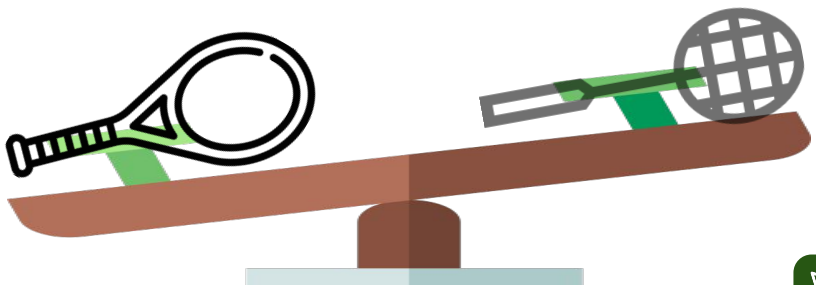
3

Color the **shorter** squash racket.



4

Color the **heavier** racket.



SMALL BUT TERI-BALL

G1
Basic

Write 1 in the box below the small ball, 2 for the smaller ball, and 3 for the smallest ball.

Example:

small



1

smaller



2

smallest

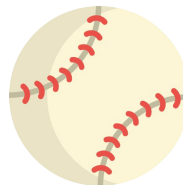
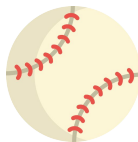


3

1



2



BIG BANG BALLS

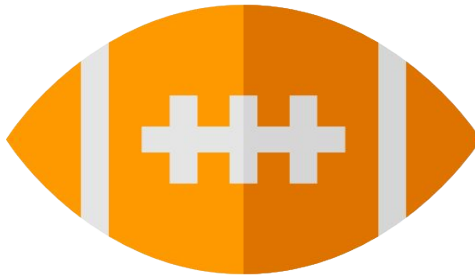
G1
Basic

Enclose the big balls in a box, encircle the bigger one, and put a check on the biggest.

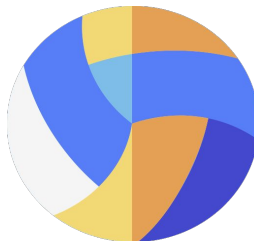
Example:



1



2



PLAYERS' MATCH

G2
Advanced

Fill in the blanks to compare the players in each group. Use the words in the box.

tall

taller

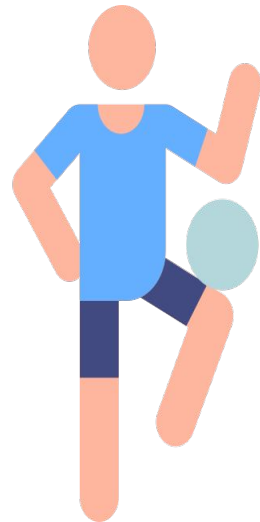
tallest



Lucas



John



William

1

Lucas is _____.

2

William is _____ than Lucas.

3

John is _____ than William.

4

John is the _____ among them all.



WEIGHT STATION

G2
Advanced

Identify which object is **LIGHT**, **LIGHTER**, and **LIGHTEST**. Write your answer on the line below each picture.

1







2







Identify which object is **HEAVY**, **HEAVIER**, and **HEAVIEST**. Write your answer on the line below each picture.

3







4





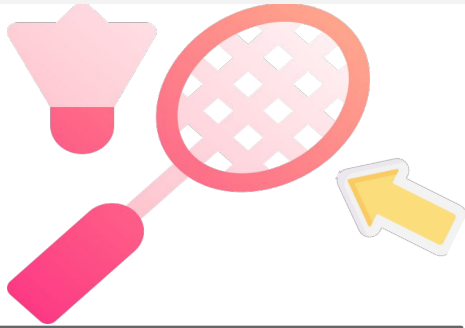




Let's get physical with some sports! Write TRUE if the comparison is correct and FALSE if not. Write your answer in the boxes.

1

The racket is longer than the shuttlecock.



2

The shoe is the heaviest.



3

The soccer ball is the biggest.



4

The baseball bat is the shortest.



Hi! I am Marty! See? Math is fun, just like playing!



READY, GET SET, DRAW!

G2
Advanced

You are one of the players lined up for the sports festival, and you can only play in the game if you draw what is needed in each number.

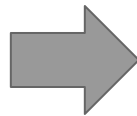
1

Draw a **bigger** shuttlecock.



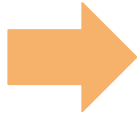
2

Draw a **longer** bat.



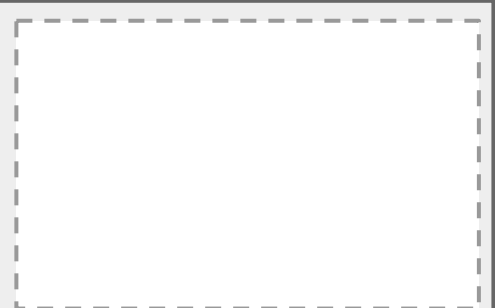
3

Draw a **shorter** arrow.



4

Draw a **taller** bow.



DRAWING MARATHON

G2
Advanced

Participate in this marathon by following the given instruction in each station.



Size Station

Draw a small red ball and a big green ball.



Length Station

Draw a pink short bat and a blue long bat.



Height Station

Draw brown short pole and a tall black pole.



Weight Station

Draw any yellow light object and a violet heavy object.



ANSWER GUIDE

Activity 1

1. C 2. A 3. B 4. C 5. A

Activity 2

1. A 2. A 3. A 4. B 5. A

Activity 3

1. must color the racket to the right
2. must color the racket to the right
3. must color the racket to the right
4. must color the racket to the left

Activity 4

1. 213
2. 321

Activity 5

1. box the first ball, check the 2nd ball, and circle the third ball
2. box the first ball, circle the second ball, and check the third ball



ANSWER GUIDE

Activity 6

- | | |
|-----------|------------|
| 1. tall | 3. taller |
| 2. taller | 4. tallest |

Activity 7

- | | |
|-----------------------------|-----------------------------|
| 1. lighter, lightest, light | 3. heavier, heaviest, heavy |
| 2. light, lightest, lighter | 4. heavier, heavy, heaviest |

Activity 8

- | | |
|----------|----------|
| 1. TRUE | 3. FALSE |
| 2. FALSE | 4. FALSE |

Activity 9

1. The shuttlecock must be bigger than the given.
2. The bat must be longer than the given.
3. The arrow must be shorter than the given.
4. The bow must be taller than the given.

Activity 10

1. must draw a small red ball and a big green ball
2. must draw a pink short bat and a blue long bat
3. must draw brown short pole and a tall black pole
4. must draw any yellow light object and a violet heavy object



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