

Intro Mean, Median, Mode, Range

Exercise the Answer with Dance Breaks

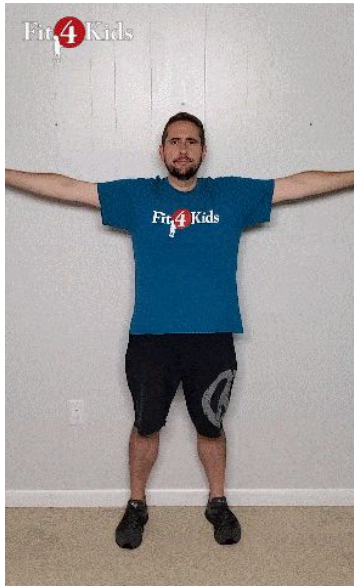


By Greater Richmond Fit4Kids

www.grfit4kids.org

- 1) Think about it
- 2) Tap your head
- 3) Exercise your answer

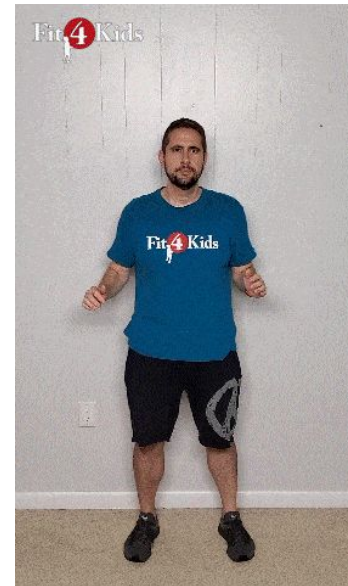




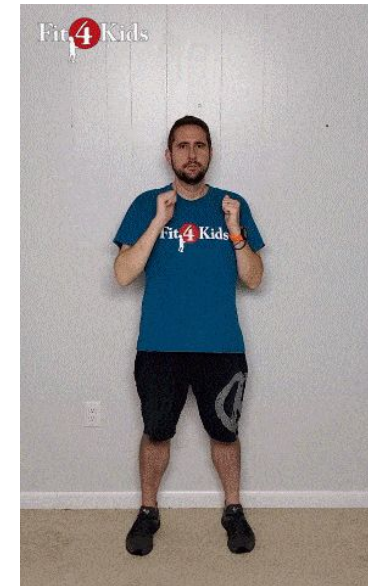
Arm
Circles



Basketball
Shots



Cross
Crawl



Sky
Reach



Data Sets are the numbers or values you are working with.

Hot Dogs: 48.5, 31, 37, 41, 38, 38

Hot Dogs: 31, 37, 38, 38, 41, 48.5

Speeds: 55, 53, 56, 62, 56, 71

Speeds: 53, 55, 56, 56, 62, 71



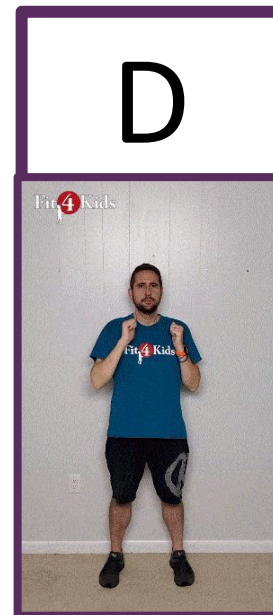
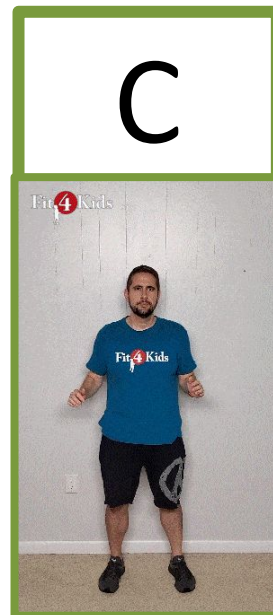
Which data set is in order?

A) 1, 5, 3

C) 5, 12, 6

B) 5, 7, 11

D) 9, 2, 4



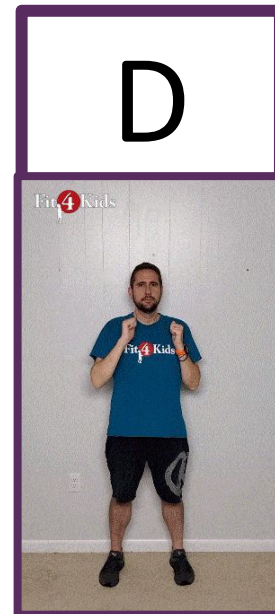
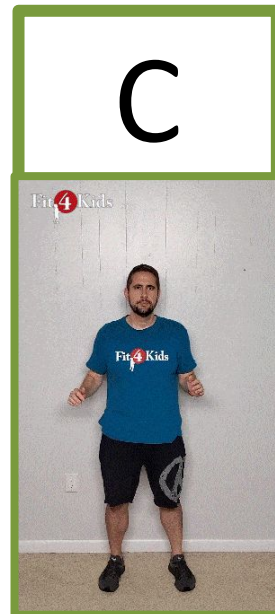
Which data set is in order?

A) 6, 4, 9, 2

C) 5, 8, 99, 120

B) 15, 16, 11

D) 9, 9, 4, 15



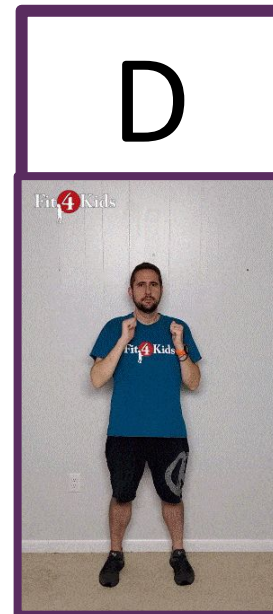
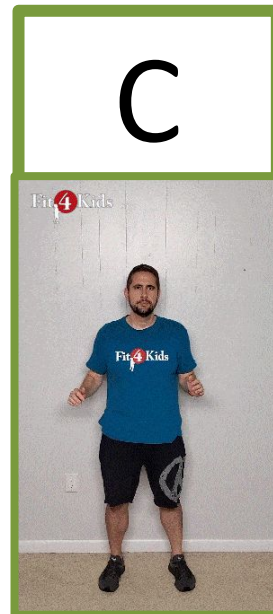
Which data set is in order?

A) 19, 19, 23

C) 5, 8, 8, 7

B) 5, 15, 11

D) 2, 9, 4, 15





Ski Jumps

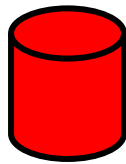
or

DANCE PARTY

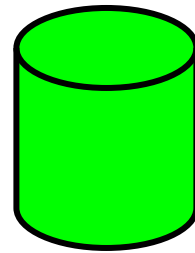


The Median is the number that is in the middle of the set when the set is arranged smallest to largest.

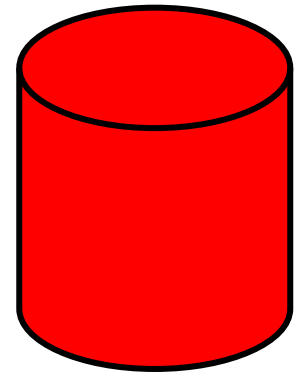
Median
is like
Medium



Small



Medium

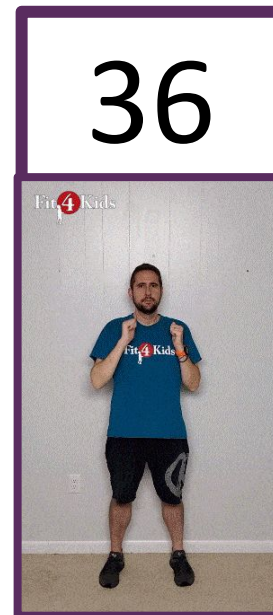
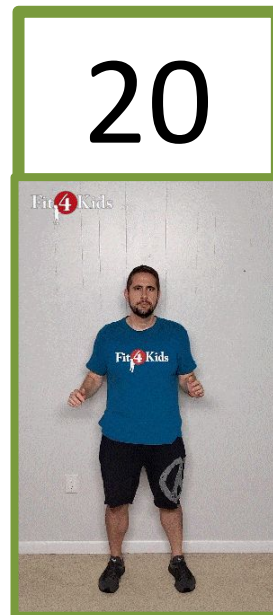
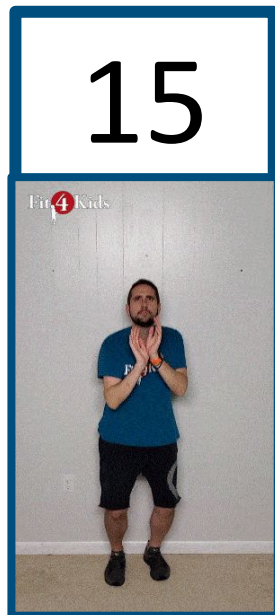


Large

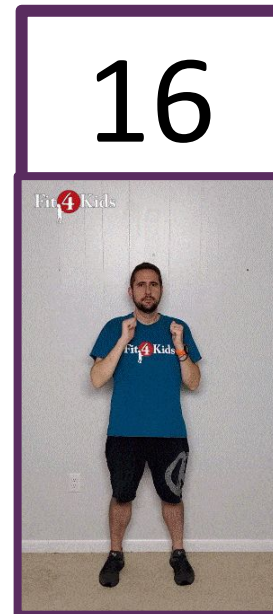
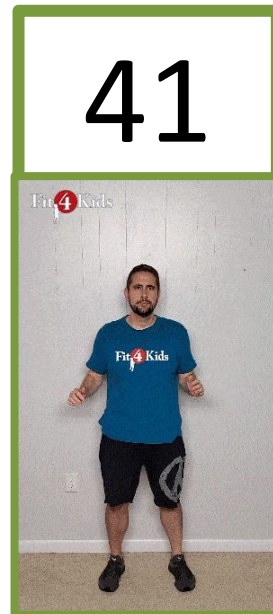
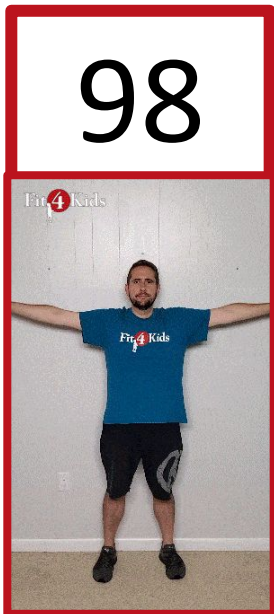


What is the median of this set?

5, 15, 20, 20, 36

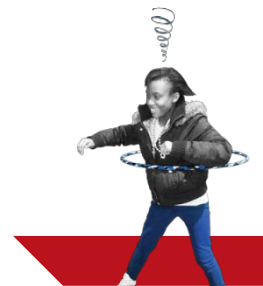
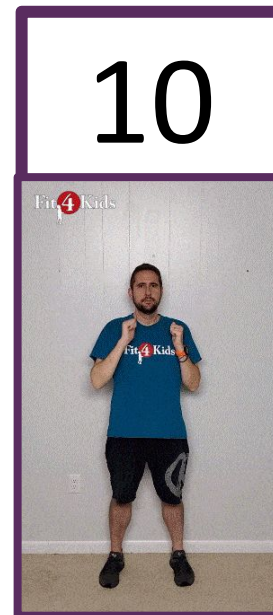


What is the median of this set?
98, 92, 41, 16, 98



What is the median of this set?

13, 2, 71, 2, 13, 66, 2, 7





Sumo Squats

or

DANCE PARTY



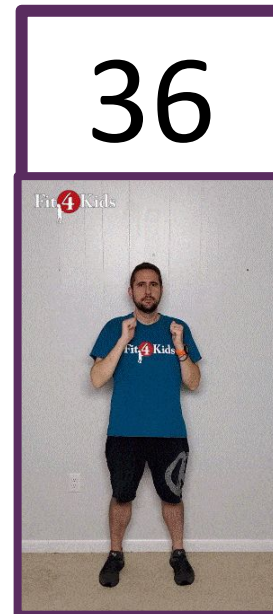
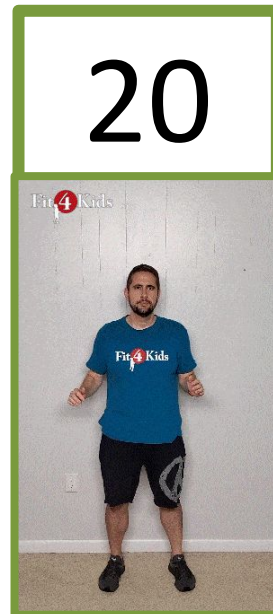
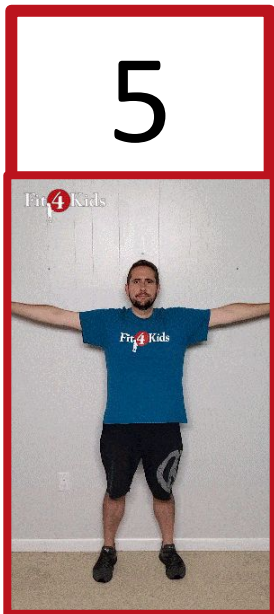
The Mode is the number that happens most often in a set.

M O D E
M O S T
O F T E N

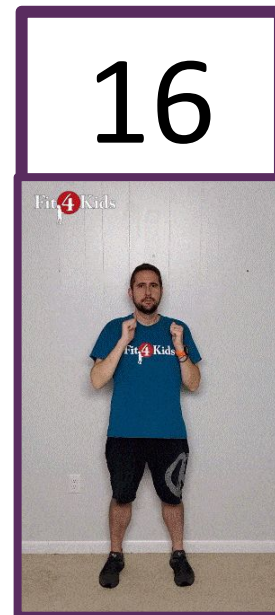
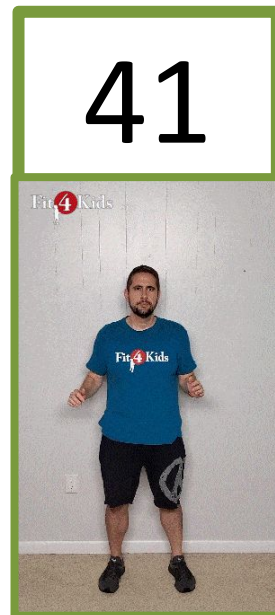
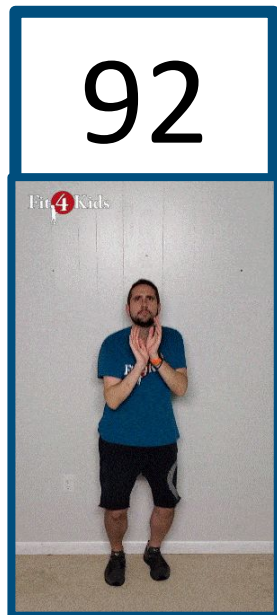


What is the mode of this set?

5, 15, 20, 20, 36

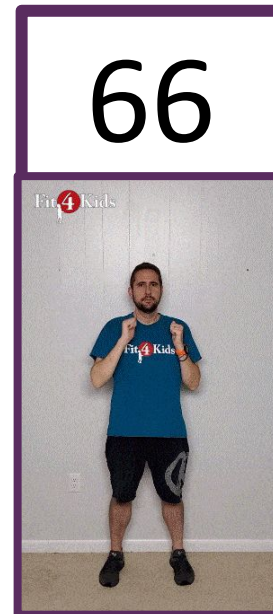
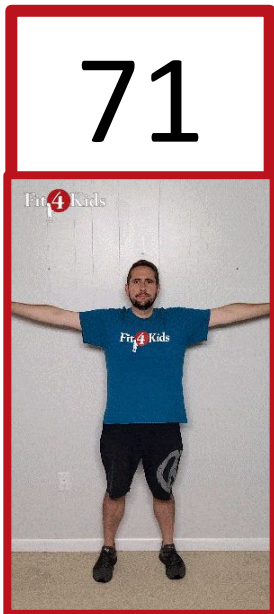


What is the mode of this set?
16, 41, 92, 98, 98



What is the mode of this set?

40, 2, 71, 2, 40, 66, 2, 8





Side Lunges

or

DANCE PARTY



The Range is the difference between the highest and lowest values in the set.

Pets: 5, 3, 2, 9, 17

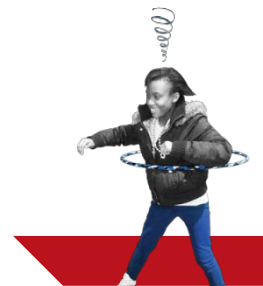
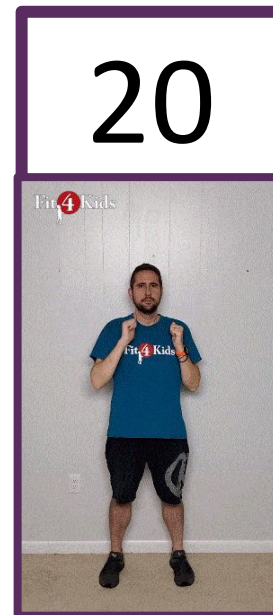
#1 Put the set in order

#2 Subtract: Highest - Lowest



What is the range of this set?

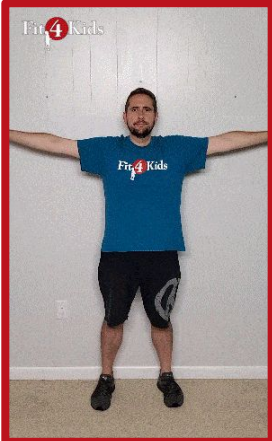
2, 2, 2, 4, 10



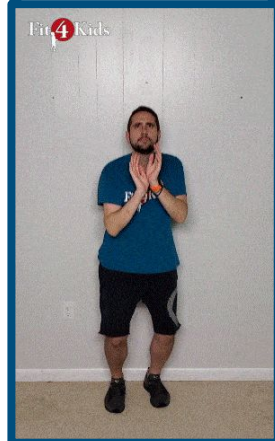
What is the range of this set?

5, 15, 20, 20, 36

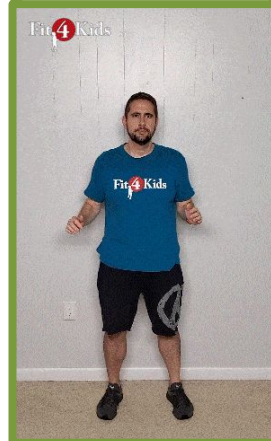
20



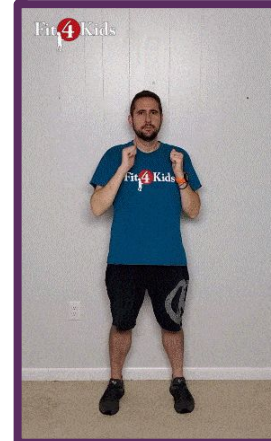
15



41



31



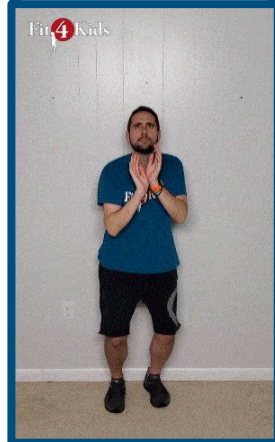
What is the range of this set?

40, 2, 71, 2, 40, 66, 2, 8

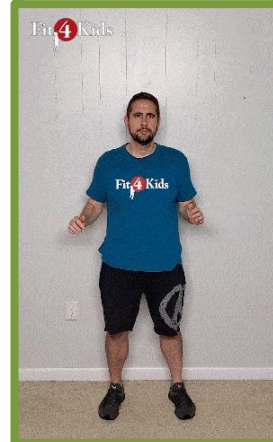
2



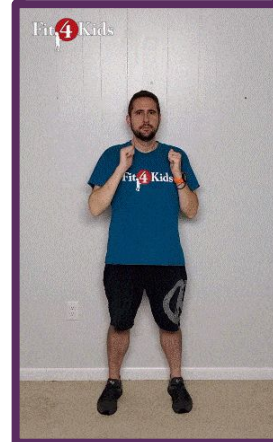
69



71



24





Soccer Taps

or

DANCE PARTY



The Mean is the average.

Brothers & Sisters: 0, 1, 2, 5, 7

#1 Add them all up $0 + 1 + 2 + 5 + 7 =$

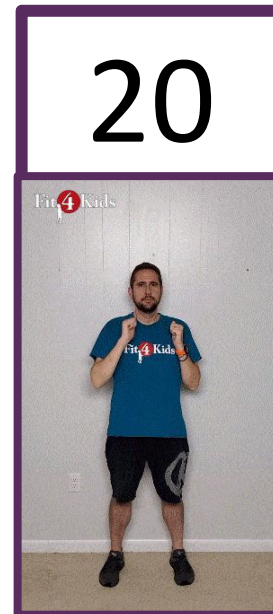
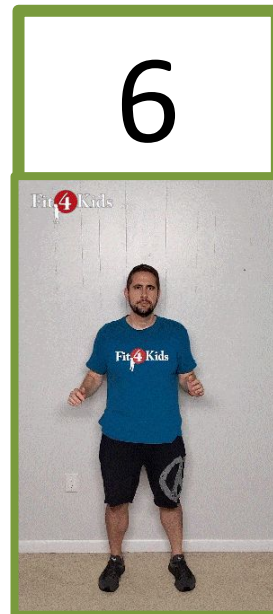
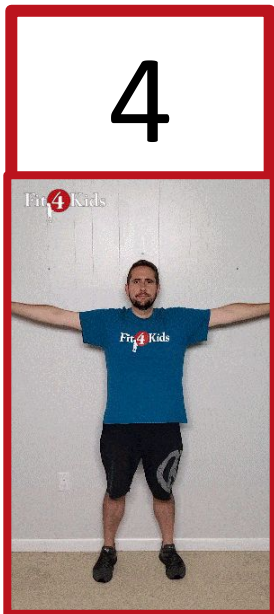
#2 Count how many data points

#3 Divide the Sum in #1 by total in #2

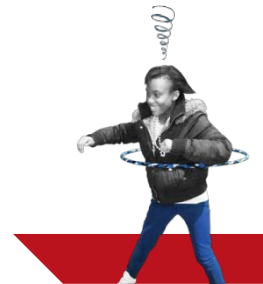
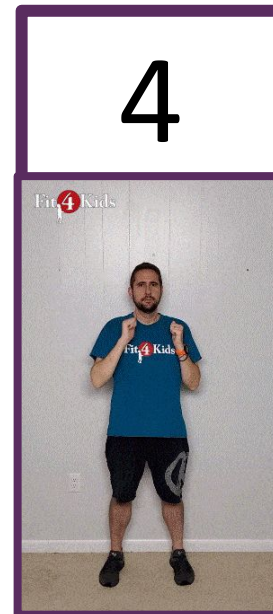
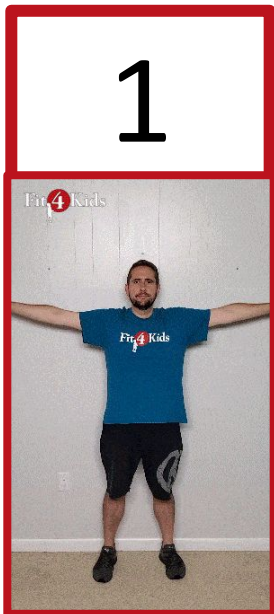


What is the mean of this set?

2, 2, 2, 4, 10



What is the mean of this set?
1, 2, 3, 4, 5



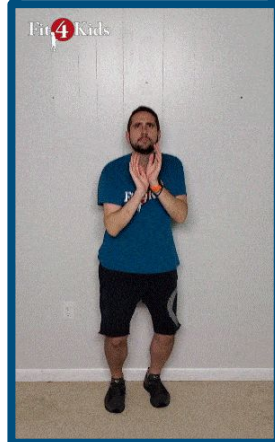
What is the mean of this set?

5, 5, 10, 10, 20

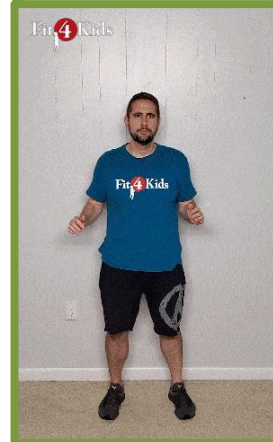
5



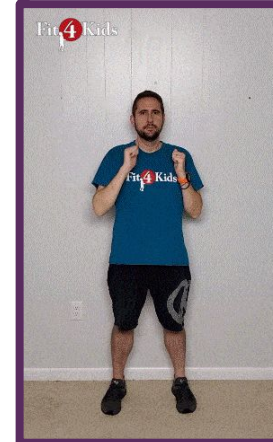
10

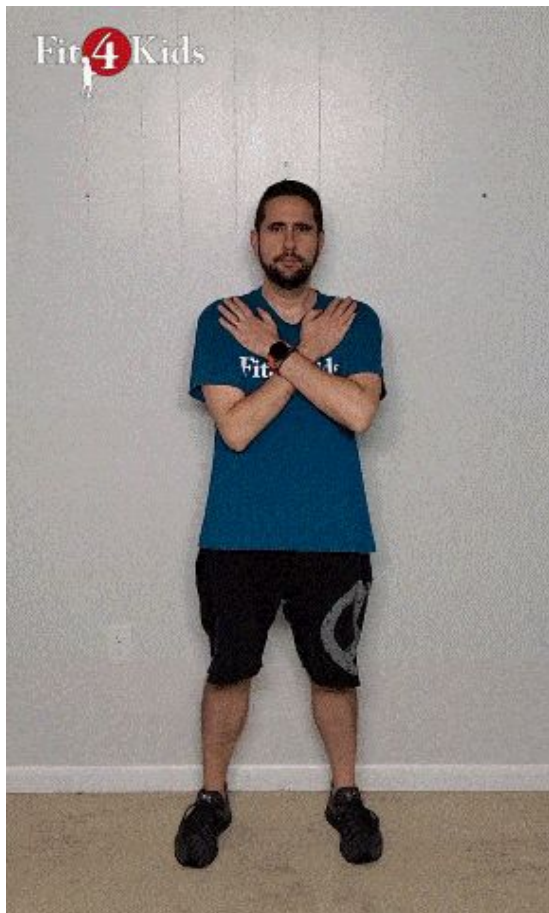


15

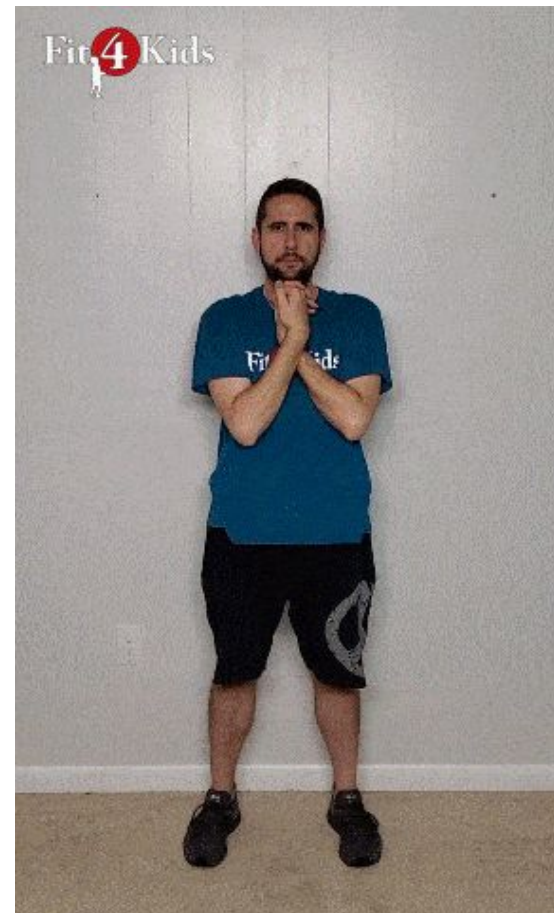


20





Mummy



Pretzel

