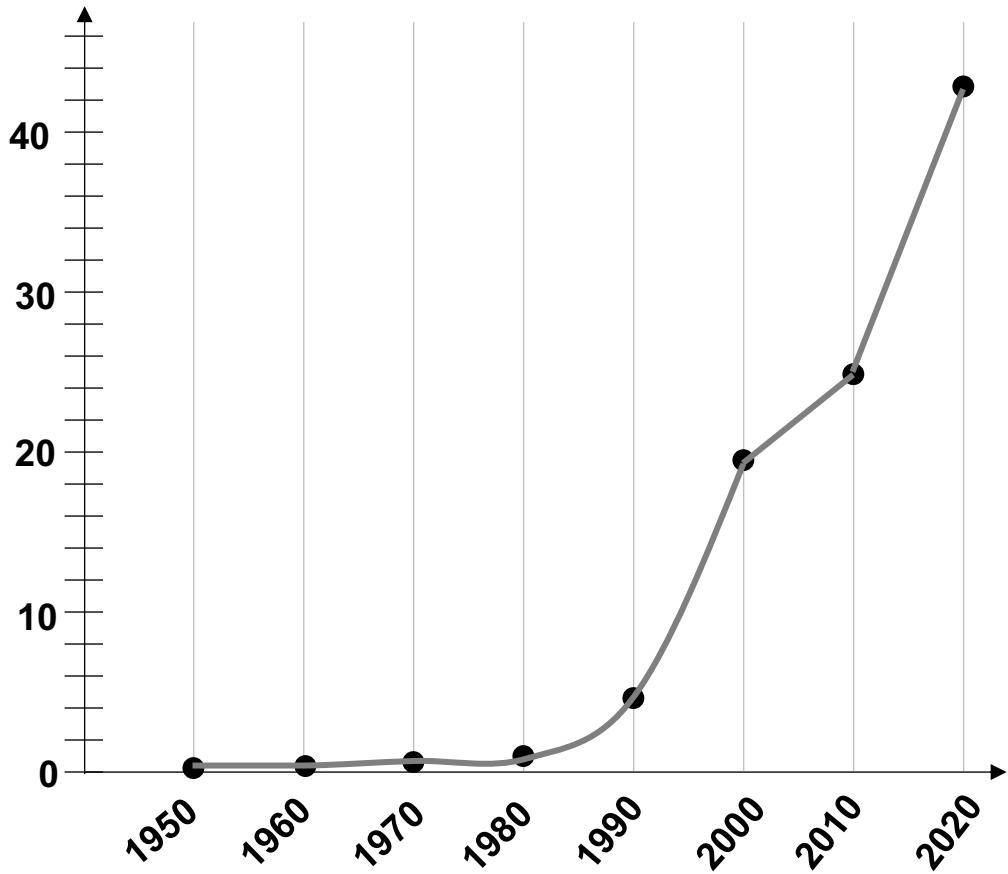


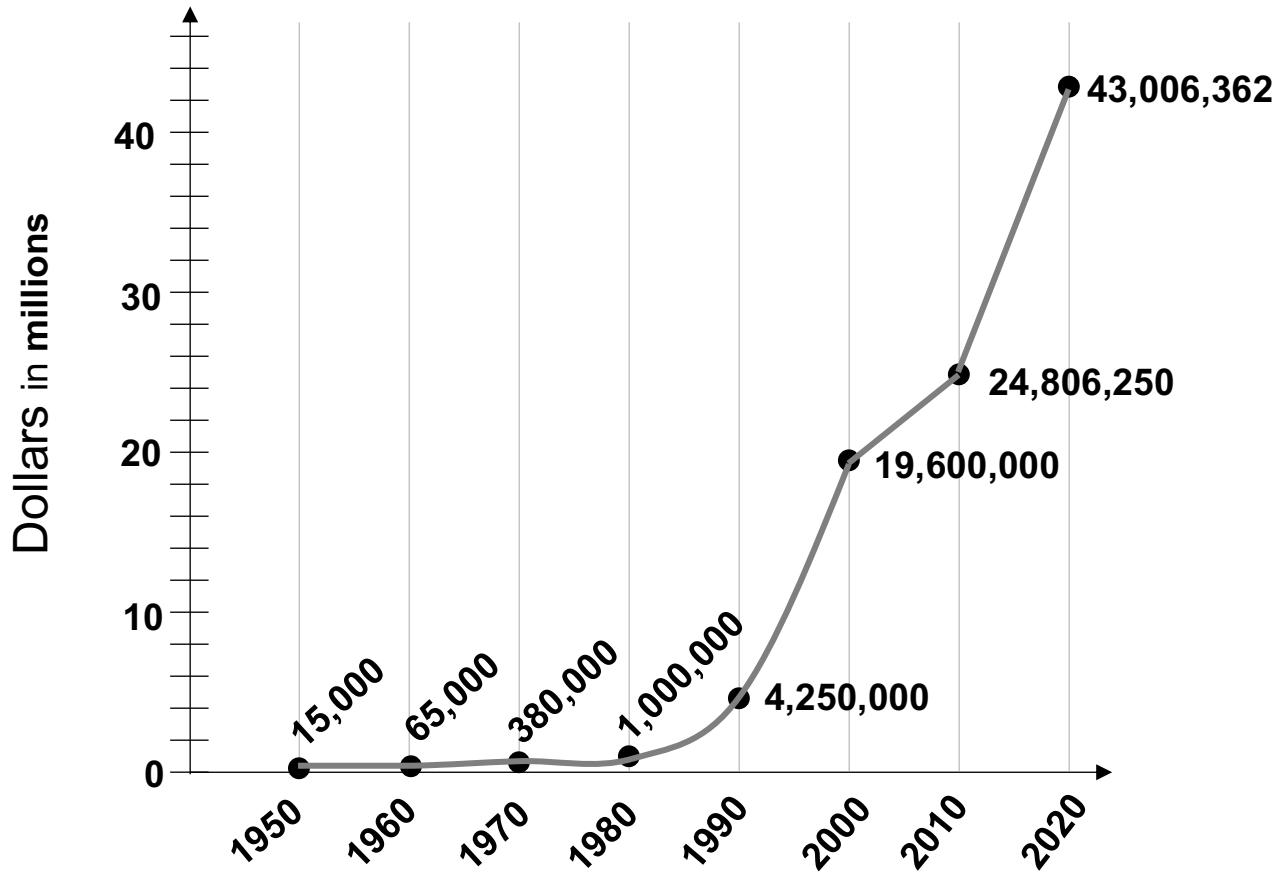
6-7 MATH TALKS DATA TALK A



What's happening with this graph?

What are some quantities that might have increased like this from 1950 to 2020?

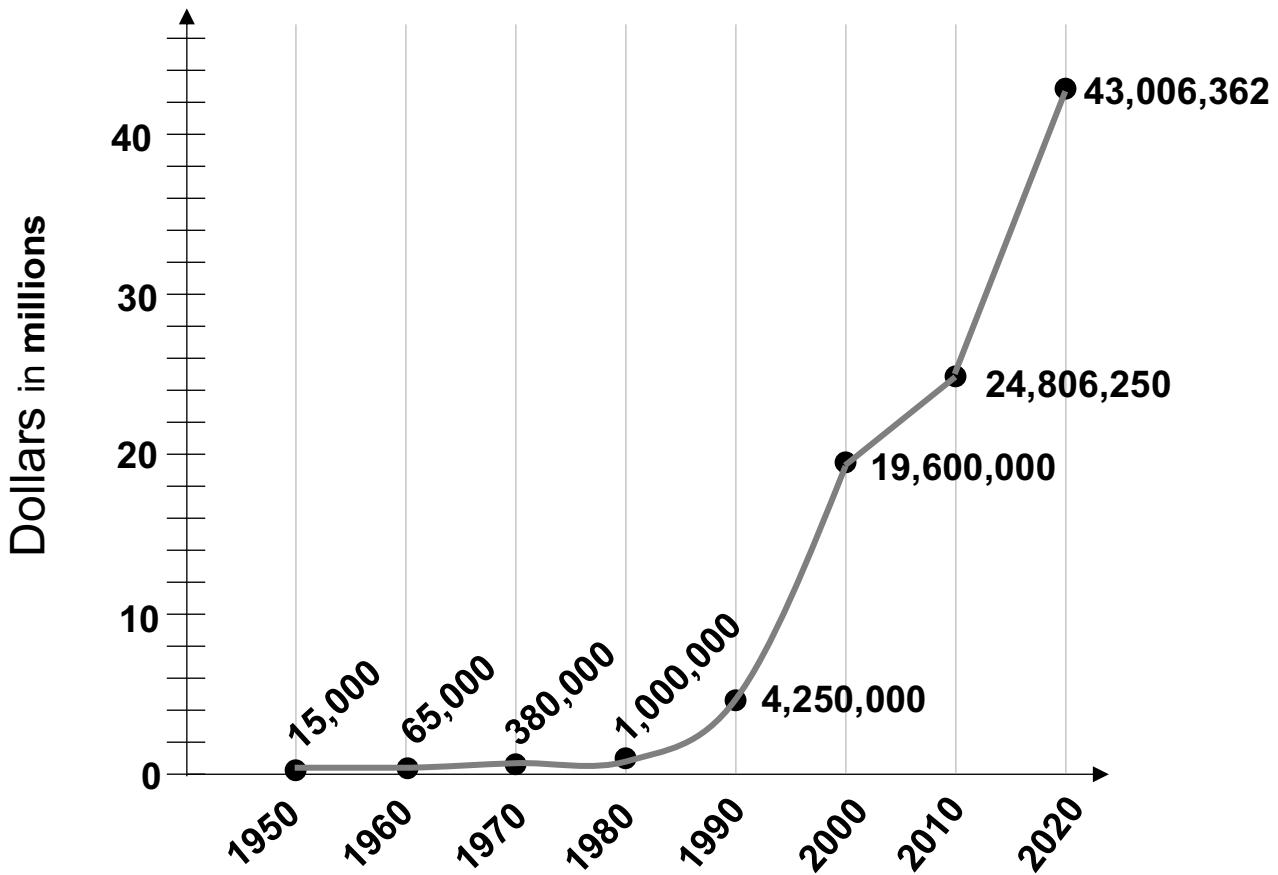
6-7 MATH TALKS DATA TALK A



Any more ideas now?

6-7 MATH TALKS DATA TALK A

Highest paid NBA player at the start of each decade
(annual salary)



Anything surprise you?

Any ideas who the players are?

6-7 MATH TALKS DATA TALK A

1950 George Mikan	Minneapolis Lakers	15,000
1960 Wilt Chamberlain	Philadelphia 76ers	65,000
1970 Pete Maravich	Atlanta Hawks	380,000
1980 Moses Malone Julius Erving Bill Walton Kareem Abdul Jabbar	Philadelphia 76ers Philadelphia 76ers San Diego Clippers Los Angeles Lakers	1,000,000
1990 Patrick Ewing	New York Knicks	4,250,000
2000 Kevin Garnett	Minnesota Timberwolves	19,600,000
2010 Kobe Bryant	Los Angeles Lakers	24,806,250
2020 Stephen Curry	Golden State Warriors	43,006,362

Anything surprise you?

Did you identify any of them?

All of the players in **bold** are guards.
Find the percents of one player's salary compared to another's:

- Maravich to Curry
- Bryant to Curry

6-7 MATH TALKS

DATA TALK A

1950 George Mikan	Minneapolis Lakers	15,000
1960 Wilt Chamberlain	Philadelphia 76ers	65,000
1970 Pete Maravich	Atlanta Hawks	380,000
1980 Moses Malone Julius Erving Bill Walton Kareem Abdul Jabbar	Philadelphia 76ers Philadelphia 76ers San Diego Clippers Los Angeles Lakers	1,000,000
1990 Patrick Ewing	New York Knicks	4,250,000
2000 Kevin Garnett Minnesota	Timberwolves	19,600,000
2010 Kobe Bryant	Los Angeles Lakers	24,806,250
2020 Stephen Curry	Golden State Warriors	43,006,362

What are the mean and median amounts for these player salaries over these decades?

Does one of these measures better represent this data set compared to the other?

6-7 MATH TALKS DATA TALK B

Do teens like spending time with their parents?

Do they think highly of them?

About what % enjoy spending time with parents?

What number seems too low? Too high? About right?

About what % think highly of their parents?

What number seems too low? Too high? About right?



6-7 MATH TALKS PICTURE TALKS

	Step 1	Step 2	Step 3
A			
B			
C			

There are many different ways to see a pattern grow and to represent it in equivalent symbolic expressions. Show students one set per day.

Use the sentence frame, “Start with ___ and add ___ each time” to help as needed.

How is the pattern growing? Explain using words or with an equation.

What would the next picture look like in the pattern?

How many ___ would be in the 5th step? The 12th step?

6-7 MATH TALKS NUMBER TALKS

	Option 1	Option 2
A Is it better to...	share \$50 among 8 friends	share \$96 among 16 friends
B Is it faster to...	read a 360-page book over 5 days (same amount per day)	read a 360-page book over 3 days (same amount per day)
C Is it more to...	run 60 miles over 15 days (same amount per day)	run 40 miles over 12 days (same amount per day)

Show students one set per day. Students should be prepared to justify choices with mathematical reasoning. (Set A is intended to maximize ones' amount of money and Set C is intended to maximize ones' amount of running, but any reasonable justifications should be accepted).

Which option you would choose?