



GRADE 6 · STATISTICS & PROBABILITY · HOMEWORK

IDENTIFYING STATISTICAL QUESTIONS

Today's goal: I can identify statistical questions.



Pick your peppers!

Everyone does Mild & Medium. Then climb as high as you can.



Mild

Tan the Turtle



Medium

Digit the Fox



Spicy

Blaze the Dragon

WATCH MR DJ SOLVE

Is “How long is this pencil?” statistical? Give your reason.

- 1 One pencil, one length.

Answer: **Not statistical**



REMEMBER Statistical → you **expect the answers to vary**. One answer means not statistical. Many differing answers means statistical. Variability comes from asking about a **group**, or about one thing **over time**.



FAMILY CORNER

No need to remember this math yourself! Ask your student to teach you Mr DJ's example, then try the first Mild problem together.



MILD

Tan the Turtle: Slow and steady. Warm up!

- 1 Is “What is my resting heart rate?” statistical? Give your reason.

Answer

- 2 Is “What are the resting heart rates of our class?” statistical? Give your reason.

Answer

**OOPS ALERT**

Careful on #1! The slip Mr DJ sees most: Said statistical because it is a health measurement.

**MEDIUM**

Digit the Fox: Stretch your brain.

- 3** Is “How long are the pencils in the box?” statistical? Give your reason.

Answer

- 4** Is “What time did I wake up today?” statistical? Give your reason.

Answer

- 5** Is “What time do Grade 6 students wake up?” statistical? Give your reason.

Answer

**SPICY**

Blaze the Dragon: Bring the heat!

- 6** Rewrite “How many letters are in my name?” as a statistical question, and say what you changed.

Answer

- 7 Write one statistical question and one non-statistical question about the same topic. Explain what makes the pair different.

Answer



How did this sheet feel?

☐

Easy for me

☐

Just right

☐

Made me think

Stuck? Watch Mr DJ explain it

Step-by-step video lessons on YouTube: [youtube.com/@MathWithMrDJ](https://www.youtube.com/@MathWithMrDJ)

Brain break: daily puzzles

Three new math puzzles every day, free: puzzles.mathwithmrdj.com