



GRADE 6 · THE NUMBER SYSTEM · HOMEWORK

ADDING & SUBTRACTING DECIMALS

Today's goal: I can fluently add multi-digit decimals using the standard algorithm and fluently subtract multi-digit decimals using the standard algorithm.

**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**Compute $8.1 - 3.46$.**

1 $8.10 - 3.46 = 4.64$.

Answer: **4.64**

REMEMBER **Line up the points, fill with zeros.** $6.4 - 2.87 \rightarrow 6.\mathbf{40} - 2.87 = \mathbf{3.53}$. A whole number like 40 is really 40.00.

**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 Compute $7.3 + 1.68$.

Answer

2 Compute $23.05 + 9.6$.

Answer

**OOPS ALERT**

Careful on #1! The slip Mr DJ sees most: Right-aligned instead of decimal-aligned.



☹☹ **MEDIUM**

Digit the Fox: Stretch your brain.

- 3 Compute $200 - 76.35$.

Answer

- 4 Compute $3.07 + 11.5 + 0.625$.

Answer

- 5 Compute $6.2 - 0.834$.

Answer



☹☹☹ **SPICY**

Blaze the Dragon: Bring the heat!

- 6 A trip has three legs: 31.4 km, 18.75 km, and 6.9 km. What is the total distance?

Answer

- 7 You have \$40. You spend \$22.49 and \$9.80. How much is left? Show both steps.

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

Brain break: daily puzzles

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