

Decimals Lesson 6

Real-Life Decimal Applications

Where Do We Use Decimals?



Sports stats (batting averages, race times, scores)



Technology (file sizes, battery percentages, screen dimensions)

Example – Shopping

You buy:

- Juice: \$1.75
- Sandwich: \$3.50
- Snack: \$2.20

Total:

$$\$1.75 + \$3.50 + \$2.20 = \$7.45$$

Example – Measurement

A piece of wood is 1.25 meters long.

You cut off 0.75 meters.

What's left?

$$1.25 - 0.75 = 0.50 \text{ meters}$$

Data in Decimals

A class survey shows average test scores:

- Math: 86.5
- Reading: 88.2
- Science: 85.75

Use decimals to compare and find the highest score!

We can see that the highest score is in Reading!