

End-of-year strands recap – five-strand IWB tour

MODULE 9 · MATHEMATICAL MODELING AND END-OF-YEAR REVIEW REVIEW

HOW TO ANSWER TODAY

- **Mean (average).** Add ALL the numbers. Divide by HOW MANY there are.
Mean of 2, 5, 6, 9 → $(2+5+6+9) \div 4 = 22 \div 4 = 5.5$
- **Quadrants.** Q1 is top-right; numbering goes ANTICLOCKWISE. A point on an axis is on the axis, not in a quadrant.
 $(3, 5) \rightarrow$ Q1 · $(-2, 1) \rightarrow$ Q2 · $(0, 4) \rightarrow$ on the y-axis
- **Lowest terms.** Divide top and bottom by the same number until you can't go any further.
 $12/18 \div 6 \rightarrow 2/3$

TRY IT ON THE LINE

Fill in each row to recap a key place-value idea from the year. The mat reminds you which column each digit lives in.

TTh	Th	H	T	U	.	t	h	th

1. Row 1: build **4,073** (whole number, four-digit).
2. Row 2: build **0.27** (decimal, two places).
3. Row 3: build **0.005** (decimal, three places — the smallest place we met this year).
4. Row 4: build **70,309** (whole, with embedded zero).
5. Row 5: build **2.305** (decimal, with embedded zero).