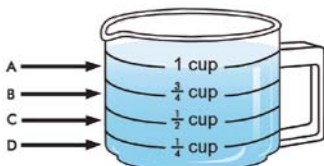


# Mathematics Problem Solving



1

Ramón used a recipe that called for  $\frac{1}{3}$  cup of water. On this measuring cup, which arrow shows the best estimate for  $\frac{1}{3}$  cup?



- |          |          |          |          |
|----------|----------|----------|----------|
| A        | B        | C        | D        |
| <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> |

3

Tyrone wanted to use his calculator to find an equivalent decimal for  $\frac{7}{32}$ . Which shows the calculator sequence he should use?

- |   |    |   |    |   |
|---|----|---|----|---|
| A | 7  | ÷ | 32 | = |
| B | 7  | × | 32 | = |
| C | 32 | ÷ | 7  | = |
| D | 32 | × | 7  | = |

2

Last year Mr. Barnes spent \$37.45 on school supplies for his daughter Madison.

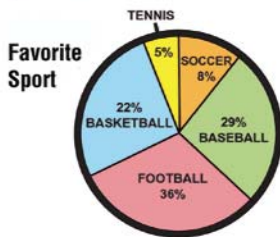


This year he spent \$28.46 more than last year. How much money did Mr. Barnes spend on school supplies for Madison this year?

- |   |         |
|---|---------|
| A | \$55.11 |
| B | \$55.91 |
| C | \$65.11 |
| D | \$65.91 |

4

The circle graph shows the percentage of students in Mrs. Johnson's class that voted for each sport as their favorite.



How many sports had more votes than basketball?

- |          |          |          |          |
|----------|----------|----------|----------|
| 1        | 2        | 3        | 4        |
| <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> |