

Crafty Calculators

Description

Students use calculators to solve a variety of problems including direct computation and problem-solving applications. Students may use their own calculator.

Procedure

1. Work each item on the answer sheet provided. Be sure you place your final answer in the answer column on the left.
2. Do not spend too much time on any one problem. If you find some problems too difficult, go on, and return to them later if you have time.
3. Round off all money problems to the nearest cent. Do not round off any other answers unless told to so in the problem.
4. Dollar signs and decimal points are necessary when writing answers for problems involving money.
5. Do not add tax unless the problem says to.

Problems

1. 18% of 34.7 =
2. $4 + .08 =$
3. Mrs. Tran went shopping and purchased items for the following amounts: \$5.37, \$6, and 98¢. How much did she spend in all?
4. A basketball team won 18 games out of 34 games played. Find the winning percent to the nearest tenth of a percent.
5. Three friends went to their favorite ice cream store. They spent \$1.95, \$2.58, and \$1.35. Find the average cost per ice cream treat.
6. Maria bought a backpack that cost \$11.95. What will be the total cost of the backpack after $7\frac{3}{4}\%$ tax has been included?
7. A store is having a 25% discount sale. How much would a \$11.95 backpack cost before tax?
8. A room is 8 feet wide and 11 feet long. Linoleum costs \$9.29 per square yard. How much will linoleum cost for this room (tax not included)?
9. $\frac{(2 \times 16) + (4 \times 23)}{13 + 26} =$ (as a decimal)?
10. Which is the better buy?
 - A. A pair of tennis shoes (original cost of \$59.95) on sale for 40% discount OR
 - B. A pair of tennis shoes (original cost of (\$55.95) on sale for 35% discount?