Math Word Problems with Percentages

(answer sheet)

Show your work and round decimal answers to the nearest whole number.

1.) Jenny has 63 grapes to put in a fruit salad but she only wants to add 40% of them to the bowl. How many grapes does she use for the fruit salad? $63 \times .40 = 25.2 = 25$

Jenny uses 25 grapes in the fruit salad.

2.) Michael made 4 dozen chocolate chip cookies. He is bringing 75% of them to school for a party. How many cookies does he bring to school? $4 \times 12 = 48$ $48 \times .75 = 36$
OR
$4 \times .75 = 3$ $3 \times 12 = 36$

Michael brings 36 cookies to school.

3.) Jan wants a bunch of balloons for her birthday party. She chooses 10 red, 12 blue, 8 green and 9 yellow balloons. Her mom says she can only have 60% of them. Jan doesn't care what colors she has. How many balloons does she end up with?

$10 + 12 + 8 + 9 = 39$ $39 \times .60 = 23.4 = 23$

Jan has 23 balloons for her party.

4.) Mindy is making a flower arrangement. She has a dozen of each flower type: rose, tulip, daisy and carnation. Mindy uses 80% of the roses, 50% of the tulips, 65% of the daisies and only 10% of the carnations. How many flowers does she use for the arrangement?

$12 \times .80 = 9.6 = 10$
$12 \times .50 = 6$ $10 + 6 + 8 + 1 = 25$
$12 \times .65 = 7.8 = 8$
$12 \times .10 = 1.2 = 1$

Mindy uses 25 flowers for the arrangement.