

Name _____

Breakfast Cereal Fraction Word Problems Answer Key

1. The amount of marshmallows in the box is $(1/4) \times 500$ grams = 125 grams.
2. The calories that come from sugar are $(1/3) \times 150$ calories = 50 calories.
3. The number of boxes that contain chocolate cereal is $(2/5) \times 8$ boxes = 3.2 boxes. Since we can't have fractional boxes, there are 3 boxes that contain chocolate cereal.
4. The cups of toasted oats needed are $(1/2) \times 3$ cups = 1.5 cups. Since we can't have fractional cups, we need 1 cup of toasted oats.
5. The number of boxes distributed to supermarkets is $(3/8) \times 1000$ boxes = 375 boxes.
6. The number of cereal pieces shaped like stars is $(1/10) \times 50$ pieces = 5 pieces.
7. The tablespoons of strawberries used are $(3/4) \times 2$ tablespoons = 1.5 tablespoons. Since we can't have fractional tablespoons, 1 tablespoon of strawberries is used.
8. The number of participants who finish their cereal is $(5/6) \times 12$ participants = 10 participants.
9. The packaging cost is $(1/3) \times \$4 = \1.33 . Rounded to the nearest cent, the packaging cost is \$1.33.
10. The number of chocolate-flavored flavors is $(2/5) \times 5$ flavors = 2 flavors.

