Math on the Fly!

NAME: _____   DATE: _____

Finding Percents of Amounts

Find each quantity below.

1. 50% of 24   **2.** 4% of 60   **3.** 72% of 8

4. 5.5% of 90   **5.** 120% of 50   **6.** 10% of 73

7. 1.25% of 80   **8.** 300% of 45   **9.** 0.8% of 12

Solve each problem below.

10. In a classroom, 35% of the students are wearing glasses. How many students are wearing glasses in a room with 40 students?

11. At a bowling alley, 80% of the people bowl with their right hand. How many of the 65 people at the bowling alley *do not* bowl with their right hand?

12. In a sweepstakes, 1.5% of the people will win prizes. How many people will win prizes if 200 people are in the sweepstakes?

13. In a survey, 5% of respondents do not own a cell phone. If 120 respondents were surveyed, how many respondents own a cell phone?

14. A 350 mL mixture is composed of 90% water. How many milliliters of water is contained in the mixture?

SOLUTIONS

1. 50% of 24 = 12

2. 4% of 60 = 2.4

3. 72% of 8 = 5.76

4. 5.5% of 90 = 4.95

5. 120% of 50 = 60

6. 10% of 73 = 7.3

7. 1.25% of 80 = 1

8. 300% of 45 = 135

9. 0.8% of 12 = 0.096

10. 35% of 40 = <u>14 students</u>

11. 80% of 65 = 52
65 – 52 = <u>13 people</u>

12. 1.5% of 200 = <u>3 people</u>

13. 5% of 120 = 6
120 – 6 = <u>114 respondents</u>

14. 90% of 350 = <u>315 milliliters</u>