

Math 35 MW Practice Test 4

1. Convert:
 - a. 4 feet = inches
 - b. 150 minutes = hours
 - c. 5 m = cm
 - d. 70 m = km
 - e. 0.7 kg = g
 - f. 35 mL = L
2. Each serving of punch at a party will be 180 mL. How many liters of punch are needed for 175 servings?
3. Convert:
 - a. $77^{\circ}\text{F} =$ $^{\circ}\text{C}$
 - b. 800 miles = km
4. Write as a percent: 2.04
5. Write as a decimal: 12.5%
6. Write as a fraction: 48%
7. Write as a percent: $3\frac{4}{5}$
8. 2.5% of what number is 425?
9. 1440 is what percent of 640?
10. What is 6% of 450?
11. In a tree planting project, 640 of the 800 trees planted were still living one year later. What percent of the trees were still living?
12. If the original price of a shirt was \$37.50, what is the sale price at a 10% off sale?
13. If the price of a tuxedo is \$780, what is the total cost with 7.5% sales tax?

14. Plot each point on a rectangular coordinate system and label it with its coordinates:

a. $(2, 5)$

b. $(-1, 3)$

c. $(0, -4)$

d. $(-2, -2)$

e. $(4, -3)$

f. $(1, 0)$