

Math 35 Friday 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. $(1, 0)$