

Name: \_\_\_\_\_  
Mr. WilliamsDate: \_\_\_\_\_  
Equations**Homework Packet for Equations****All of your work must be shown on loose-leaf paper!****Friday:** One-step multiplying and dividing equations**Solve the equation. Check your solution.**

1.  $16t = 60$

2.  $1.5 = 3.3y$

3.  $\frac{1}{8}d = -\frac{3}{5}$

4.  $\frac{d}{1.2} = -3.3$

5.  $18 = -\frac{6}{11}h$

6.  $-7.24q = 17.014$

**In Exercises 7 and 8, write an equation. Then solve.**

7. If a project is handed in late, you receive  $\frac{8}{9}$  of your earned points. You received 72 points on your late project. How many points did you lose?

8. There are 92 students in a room. They are separated into 18 groups. How many students are in each group? How many students are not in a group?

9. A bus token costs \$1.75.

- You spend \$15.75 on tokens. Write and solve an equation to find how many tokens you purchase.
- If you purchase 10 tokens, you get 2 free tokens. Write and solve an equation to find the approximate reduced price of each token.
- You also receive free tokens if you purchase 20 tokens. The reduced price for each token is \$1.40. Write and solve an equation to find how many free tokens you receive.

10. Solve  $\frac{1}{3}|z| = 2$ .