

NAME _____ DATE _____ PER. _____

Retest Review: Solving Linear Equations – Part 1

Solve. SHOW ALL WORK!

1. $6 + w = -18$

w = _____

2. $-\frac{2}{3}x = -24$

x = _____

3. $72 = -6u$

u = _____

4. $\frac{c}{3} + 9 = 2$

c = _____

5. $4d - 11 = 17$

d = _____

Write an equation for each of the following problems and solve.

6. Michael spends $\frac{1}{5}$ of his allowance on dates with his girlfriend. If he spends \$12 a week on his date, how much is Michael's allowance each week?

Equation: _____

7. Julie withdrew \$64 from her savings account. After the withdrawal she has \$127. How much money did Julie had before she made the withdrawal?

Equation: _____

8. The difference of a number and 21 is -4. Find the number.

Equation: _____

9. A cable company charges \$99 for installation plus \$40 per month. If you paid \$459 over a period of time, how many months did you use that cable company?

Equation: _____

10. A local department store was having a sale on jeans. The jeans were $\frac{3}{4}$ of the original price and you had a coupon for \$5 off the price of one item. If you paid \$19 for the jeans before taxes, what was the original price of the jeans?

Equation: _____

Answers in random order: 60, 32, 191, -24, 9, -12, 7, 17, -21, 36