Name:

Algebra

Section 7.2

**Solve**

1. y / 3 = 4 / 7 2. 6n / 5 = 3 / 1

3. 8 / 5k = 2 / 5 4. 3 / 8 = 9 / 4k

5. 15x / 64 = 45 / 32 6. 81 / 64 = 27n / 40

7. -15 / 25 = 4x / -15 8. 4 = 20 / -9w

9. y-3 / 8 = 3 / 4 10. 2n-9 / 7 = 3-n / 4

**Use a proportion to solve the problem**

11. Six oranges cost $.99. How much do ten oranges cost?

12. Maria drove 111 mi in 3 hr. About how far could she drive in 5 h?

13. A car that sold for $11,800 has a sales tax of $767. How much does a car cost if its sales tax is $637?