Name:

Algebra

Section 7.5

**Write as a fraction in simplest form**

1. 40% 2. 85%

3. 60% 4. 16%

5. 2 ½% 6. 150%

**Solve each percent problem**

7. 6% of 145 is what number? 8. 6 ¼% of 500 is what number?

9. 9.2% of 180 is what number? 10. 110% of 30 is what number?

11. 15 is 25% of what number? 12. 99 is 180% of what number?

13. 32.4 is 45% of what number? 14. What percent of 7.2 is 45?

15. What percent of 3 is 150? 16. What percent of 50 is 250?

**Complete the table**

Questions 17 – 20

|  |  |  |  |
| --- | --- | --- | --- |
| Original Price | % Discount | Price Decrease | New Price |
| $12 | 25% | ? | ? |
| $18 | 20% | ? | ? |
| $75 | 10% | ? | ? |
| $240 | 15% | ? | ? |

Questions 21 – 24

|  |  |  |  |
| --- | --- | --- | --- |
| Original Price | % Markup | Price Increase | New Price |
| $44 | 25% | ? | ? |
| $85 | 20% | ? | ? |
| $160 | 30% | ? | ? |
| $25 | 6% | ? | ? |