

Pre-Algebra Set 19 Answers Version 2.0 (Thanks Sky!)

1. a) 25% b) 50% c) 75% d) 100%
2. See histogram at right.
3. a) 20%, $\frac{2}{10}$ or $\frac{1}{5}$ b) 5%, $\frac{5}{100}$ c) 175%, $1\frac{75}{100}$ or $1\frac{3}{4}$ d) 0.1%, $\frac{1}{1000}$
4. a) 24 b) 18 c) 10
5. a) $x^2 + 7x + 2$ b) $2x - 4$ c) $-3x^2 + 3x + 8$
6. a) $-x - 1$ b) $x^2 + x$
7. a) 5 units b) 4 units c) 11 units d) 2 units
8. 7.5 meters/second
9. a) $8x - 8$ b) $-80 + 8n$, or $8n - 80$ c) $-2x - 9$
10. a) -3 b) -60 c) -46
11. a) not proportional b) proportional c) not proportional
12. a) $\frac{1}{3}$ b) $x = 2\frac{2}{3}$ $y = 1\frac{2}{3}$

