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| **Question #** | **The Number System** | **Ratios & Proportional Relationships** | **Expressions & Equations** | **Statistics & Probability** | **Geometry** |
| **1** | - 75m | $50.50 | 2n – 7 | 850 gold beads | x + 80 = 180x = 100 |
| **2** | 7th, 6th, 8th | 12 in/hour | 18x – 2 | Max. 1600 | x = 144 |
| **3** | $201 Deposit | 6.75 | 3d + 5.50 = 16d = 3.5 | $$\frac{3}{10}$$ | <6 = 43˚<7 = 137˚<8 = 43˚ |
| **4** | 143-40+92$195 | $3.50 | t = 3 | Both equally likely | 936 in3 |
| **5** | 3 $\frac{3}{20}$ | 8520/minute | 115 = 7h + 4510 hours | Mean = 140.9Median = 139.4Mode = NA | 5.5 miles |
| **6** | - 4200 ft | $6.30 | n = 40 albums | 30 times | C = 28.26 cmA = 63.59 cm2 |
| **7** | 3 $\frac{5}{6}$ | $82.80 | 36 + 8s **<** 70S < 4.25 | $$\frac{1}{3}$$ | x = 58˚ |
| **8** | 145.7˚ C | $26.00 | r < - 2  | 50 | 26.25 ft3 |

**Word Problems Week #6 – Answer Key**