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QUIZ 4 – SOLUTION – Monday, May. 2, 2005.
Math 320: Math for Elementary School Teachers
20–MINUTES MENTAL DRILL

INSTRUCTIONS: ONLY WRITE THE FINAL ANSWER, NO SCRATCH PAPER, NO SCRIBBLING ON THIS SHEET, NO CALCULATORS, USE INK PEN ONLY. EXERCISE THE COMPUTATIONAL TRICKS (THINKING STRATEGIES) WE HAVE BEEN LEARNING. EACH QUESTION IS WORTH 1 POINT.

1. $(1111)_2 = (15)_{10}$

2. $1340 \div 5 =$

3. $41^2 =$

4. $17 \times 23 =$

5. $\text{GCF}(930, 870) =$

6. Factor 245 =

7. If $x : 4 = 9 : x$, then

8. $(\frac{3}{7} + 2 \cdot \frac{3}{4}) \div \frac{3}{28} =$

9. $\frac{50}{250} = 20\%$

10. Percentage increase from 150 to 162 =