

Name: _____

Date: _____

Division Challenge Problems

I. Speed (some have remainders)

$68 \div 4 = \underline{\quad}$	$46 \div 9 = \underline{\quad}$	$85 \div 5 = \underline{\quad}$
$81 \div 9 = \underline{\quad}$	$55 \div 5 = \underline{\quad}$	$12 \div 3 = \underline{\quad}$
$90 \div 7 = \underline{\quad}$	$72 \div 7 = \underline{\quad}$	$99 \div 7 = \underline{\quad}$

II. Properties

1) $(11 + 22 + 33 + 44 + 55) \div 11$

2) $(11 - 22 + 33 - 44 + 55) \div 11$

3) Alice is thinking of a number between 70 and 90. It is divisible by 8, but not by 3 or 11. What number is Alice thinking of?

4) A pirate has a chest of coins. When he tried to split it evenly among his 4 goldfish, there were 2 coins left over. Then, he decided to split it among his 5 parrots and had 1 coin left over.

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III. Long Division (with remainders)

Benchmark Numbers: 1, 2, 5, 10, 15, 20, 25, 50, 100, 200

$$911 \div 13 = \underline{\hspace{2cm}}$$

$$535 \div 22 = \underline{\hspace{2cm}}$$

$$1882 \div 101 = \underline{\hspace{2cm}}$$

$$4779 \div 19 = \underline{\hspace{2cm}}$$