

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

$$911 \div 13 = \underline{\quad}$$

$$535 \div 22 = \underline{\quad}$$

$$1882 \div 101 = \underline{\quad}$$

$$4779 \div 19 = \underline{\quad}$$