

Homework 1

Student Name _____

NO CALCULATOR IS ALLOWED.

(Monday) There are equal numbers of cats, dogs and chickens in the yard. Together, they have 50 legs. How many cats are there in the yard?

(Tuesday) A spider has 8 legs and a dragonfly has 6 legs. There are 20 spiders and dragonflies altogether. There are 144 legs in all. Find the number of spiders and the number of dragonflies.

(Wednesday) Clifford has 30 stamps. The total value of all his stamps is \$12. Find the number of 50¢ and 20¢ stamps Clifford has.

(Thursday) There were a total of 30 cars and motorcycles at a parking lot. There were 100 wheels in all. How many cars were there at the parking lot?

(Friday) There are 20 questions on a math test. 8 points will be awarded for each correct answer. 4 points will be deducted for each wrong answer. All the questions must be answered. If Isabelle scores 100 points on the math test, how many questions does she answer correctly?

BONUS QUESTIONS

Sprint Round



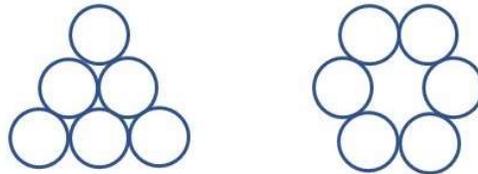
$992 \div 16 =$	$540 \div 54 =$	$336 \div 21 =$	$890 \div 89 =$	$736 \div 92 =$
$726 \div 33 =$	$574 \div 82 =$	$220 \div 22 =$	$228 \div 12 =$	$186 \div 93 =$
$689 \div 53 =$	$968 \div 88 =$	$702 \div 54 =$	$320 \div 80 =$	$425 \div 85 =$
$735 \div 49 =$	$636 \div 53 =$	$873 \div 97 =$	$380 \div 19 =$	$176 \div 88 =$
$170 \div 10 =$	$598 \div 23 =$	$920 \div 92 =$	$748 \div 11 =$	$564 \div 94 =$
$972 \div 27 =$	$798 \div 19 =$	$684 \div 76 =$	$693 \div 77 =$	$816 \div 17 =$
$48 \times 24 =$	$957 \div 11 =$	$38 \times 15 =$	$63 \times 56 =$	$4059 \div 99 =$
$1302 \div 93 =$	$2492 \div 89 =$	$68 \times 29 =$	$49 \times 99 =$	$31 \times 49 =$
$468 \div 12 =$	$7821 \div 79 =$	$1457 \div 31 =$	$99 \times 70 =$	$67 \times 33 =$
$12 \times 39 =$	$5978 \div 98 =$	$62 \times 76 =$	$37 \times 37 =$	$2856 \div 51 =$

Sparkle Round

1. You're given five numbers 0, 1, 4, 7, and 9. Now answer the following questions. *You must use all numbers and each number can only be used once.*

- (1) What is the biggest counting number you can make? _____
- (2) What is the smallest counting number you can make? _____
- (3) What is the biggest odd number you can make? _____
- (4) What is the smallest even number you can make? _____

2. The figure on the left was made out of six identical coins. What is the smallest number of coins that we need to move to make the figure on the right?



- (A) 1 (B) 2 (C) 3 (D) 4

3. Elma took 2 candy bars to school. First, she traded each of them for 4 apples, and then she traded each of the apples for 3 mandarin oranges. How many mandarin oranges did she have after this trading? _____

- (A) $2 + 4 + 3$ (B) $2 \times 4 + 3$ (C) $2 + 4 \times 3$ (D) $2 \times 4 \times 3$



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4. How many digits have to be written in order to write down every number from 1 to 100 inclusive?

- (A) 100 (B) 150 (C) 190 (D) 192 (E) 200

5. Students in Grade 4 classes were asked to choose their favorite activity among those listed in the table below.

Activity	Number of boys	Number of girls	Total
Badminton	13	8	21
Tennis		6	12
Soccer	11		16
Basketball	9	4	
Swimming		10	17
Total			

- (1) Complete the table.
- (2) Use the data in the table to answer the following questions:
- (i) Which activity is the least popular among the students? _____
 - (ii) Which activity is the most popular among the students? _____
 - (iii) How many more girls than boys chose swimming as their favorite activity? _____
 - (iv) How many more boys than girls chose basketball as their favorite activity? _____
 - (v) How many students were there in Grade 4?