

Problem of the Week

Grade K

Name: _____ Class: _____



Goldilocks had a picnic. She invited the three bears. She also invited the seven dwarves. How many people came to the picnic?

_____ people came to the picnic.

Here's how I know:

Grades 1-2

Name: _____

Class: _____



*Choose TWO problems.....or try all three!

1) $36 - 20 = 12 + \underline{\hspace{2cm}}$

2) What number must be added to the sum of 13 and 18 to equal the sum of 20 and 22?

3) 75 written backwards is 57. If 23 is subtracted from 23 written backwards the answer is _____.

Here's how I know:

Grades 3-5

Name: _____

Class: _____



1
2
3
4
5

Five cards numbered 1 to 5 are in a pile. They are in the order 1, 2, 3, 4, 5 from top to bottom (as seen at the right). The two top cards are then placed alternately between the three bottom cards: 1 between 3 and 4. And 2 between 4 and 5. This is to be repeated again and again with the two top cards until the cards are again in the order 1, 2, 3, 4, 5 from top to bottom. Starting from the beginning, how many times would you have to do this placing of the top two cards to get back to the order 1, 2, 3, 4, 5?

Here's how I know:

Solutions

Grades 1-2:

1) 4 because

$36 - 20 = 16$

$12 + \underline{\quad} = 16$

2) 11 because

$20 + 22 = 42$

$13 + 18 = 31 \quad 42 - 31 = 11$

3) 9 because

$32 - 23 = 9$

Grades 3-5:

4 times

1	3	4	2	1
2	1	3	4	2
3	4	2	1	3
4	2	1	3	4
5	5	5	5	5