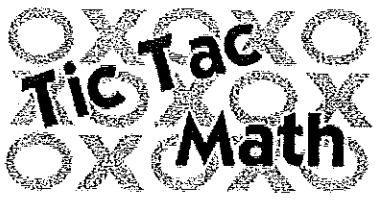


Pmi

Key

Balance Math™ & More! Level 2

Activities



All rows, columns, and three numeral diagonals must add up to the same sum. Write the total and then fill in the empty spaces.

Problem 1

16	6	8
2	10	18
12	14	4

Total: 30

Problem 2

10	15	14
17	13	9
12	11	16

Total: 39

Problem 3

10	9	11
11	10	9
9	11	10

Total: 30

Problem 4

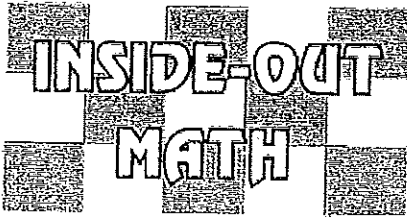
20	90	40
70	50	30
60	10	80

Total: 150

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Key

Use the clues to find the missing values.



Problem 1

a	a-c	a-d
110	80	60
b	b-c	b-d
80	50	30
c	d	
30	50	

Problem 2

a	a-c	a-d
750	590	370
b	b-c	b-d
810	650	430
c	d	
160	380	

Problem 3

a	a-c	a-d
93	66	57
b	b-c	b-d
81	54	45
c	d	
27	36	

Problem 4

a	a-c	a-d
167	86	66
b	b-c	b-d
214	133	113
c	d	
81	101	

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Margo is one year younger than Dominic. How old are they together if Margo is 15?

31. If Margo is 15, Dominic is 16.
 $15 + 16 = 31$

Michelle will be 2 years old in a year, so how old was she a year ago?

0. Michelle is 1 year old now, so a year ago she was just born.

What number comes next in the series?

71, 67, 63, 59

PM
4

Kricket is taller than Nick but shorter than Allison. If Allison is shorter than Alex, who is the shortest?

Nick

Hannah and Justin have the same number of marbles. If Justin got 3 more, they would have 21 altogether. How many does Hannah have?

9



Ramona was 10 years old 10 years ago. How long will it be until she is 50?

30 years.

PM
5

If your teacher was 30 years old 11 years ago, how old was he 14 years ago?

27.

What number comes next in the series?

10, 20, 40, 70, 110

Johnny will be 25 years old in 10 years, so how long ago was he 10 years old?

5 years

Milk costs 35¢ a carton. What 4 coins would you use to buy 2 cartons of milk?

2 quarters and 2 dimes

PM
6

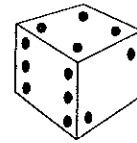
Key

Dominic is twice Margo's age. If Dominic is 14, how old are they together?

21 years

I am a number on a die. If you roll 4 of me, you get 20. Who am I?

5



Jason is 8 years older than Jacob. If Jason will be 64 next year, how long will it be until Jacob is also 64?

9 years



I am less than 3 dimes but more than a quarter. What 2 coins could I be?

1 penny and 1 quarter

If mints come 10 to a pack, how many packs will you need to give 23 people three mints each?

7 packs

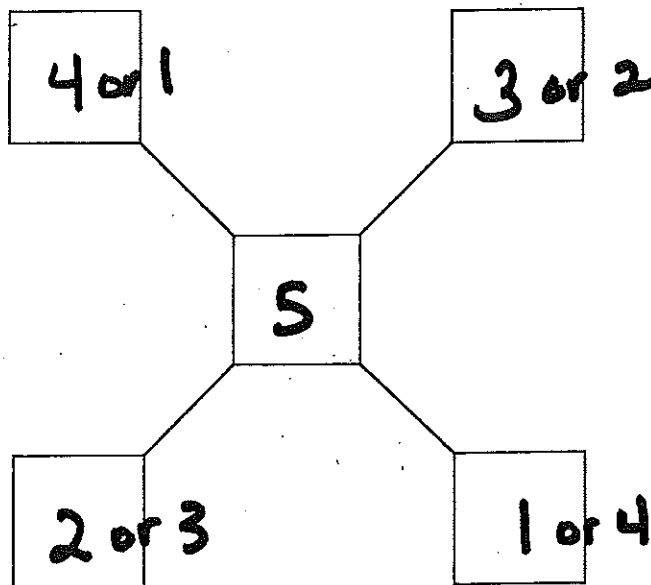
Tony gave 20¢ to Michael, and now Tony has 1 quarter, 1 nickel, and 1 penny. How much did he begin with?

51 ¢

PM 8

Key

In this puzzle, you must use the numbers 1, 2, 3, 4, and 5 so that along each diagonal line the total is 10. What number goes in the center?



The Seahawks lost by 12 points to the Cowboys. How many points did the Cowboys score if the total of the two scores was 24?

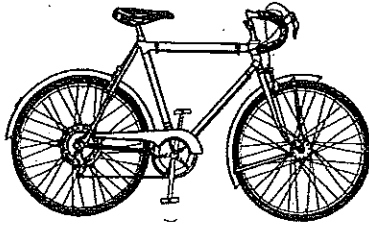
18 points

Bianca got 58¢ back from the two-dollar bill she gave the clerk. How much did she spend?

\$ 1.42

PM
9

Four kids decide to buy and equally share a bicycle, one week at a time. By the end of a year, how many weeks has each kid had the bike?



13 weeks.

Five classmates were in a spelling bee. Mallory did not come in first, while Ezra was neither first nor last. Mallory was one place ahead of Ashley. Jarrod was not second, but he was two places ahead of Duffy. Who finished in third place?

Duffy

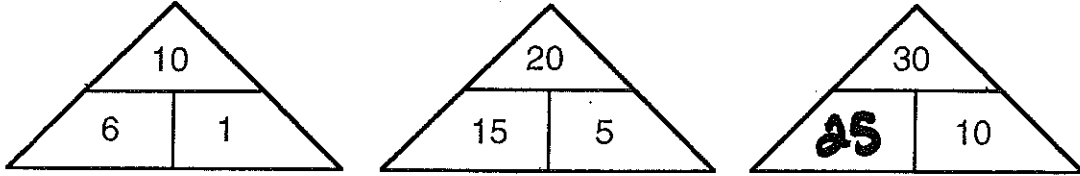
Jarrod, Ezra, Duffy, Mallory, Ashley
1st 2nd 3rd 4th 5th

How many seconds are in one-tenth of a minute?

6 seconds

PM
10

What number completes this puzzle?



- Licorice sells at a quarter a box, with 7 pieces in a box. How many pieces can you buy with 16 nickels, and how much change will you have left over?

21 pieces, with 5¢ left over.

If Lencho was 30 years old in 1996, in what year would he turn 50 years old?

2016

What 2 consecutive numbers add up to 91?

45 & 46

What 3 consecutive numbers add up to 6000?

1999, 2000, 2001

Using only 1s and 0s, what are the first 4 counting numbers that have 3 or more zeros, and what is their sum?

1000; 10,000; 10,001; 10,010

Sum = 31,011

A painter used 7 gallons of white paint, half that much of blue, and only a half gallon of yellow. If a gallon of paint costs \$10.00, how much did the painter spend?

\$ 110

