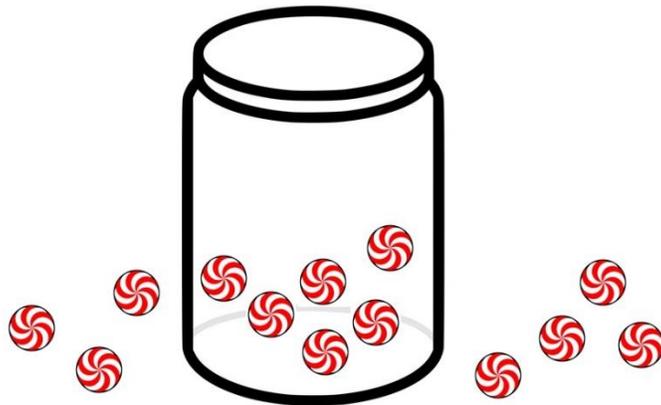


# Math Challenge!

## Fun Math Problems for

### Ages 4 to 6



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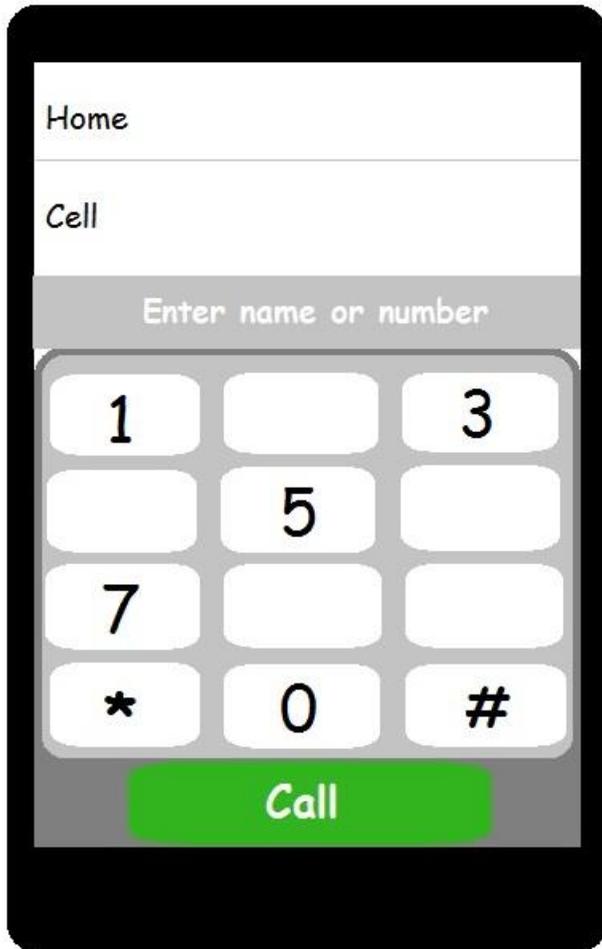
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My name is \_\_\_\_\_.

In the phone below add in the missing numbers:



What number do you dial in an emergency?

\_\_\_\_\_

Practice dialing the emergency number on the pretend phone.

Practice dialing your phone number on the pretend phone.

What is your phone number?

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

What is your Mom's name? \_\_\_\_\_

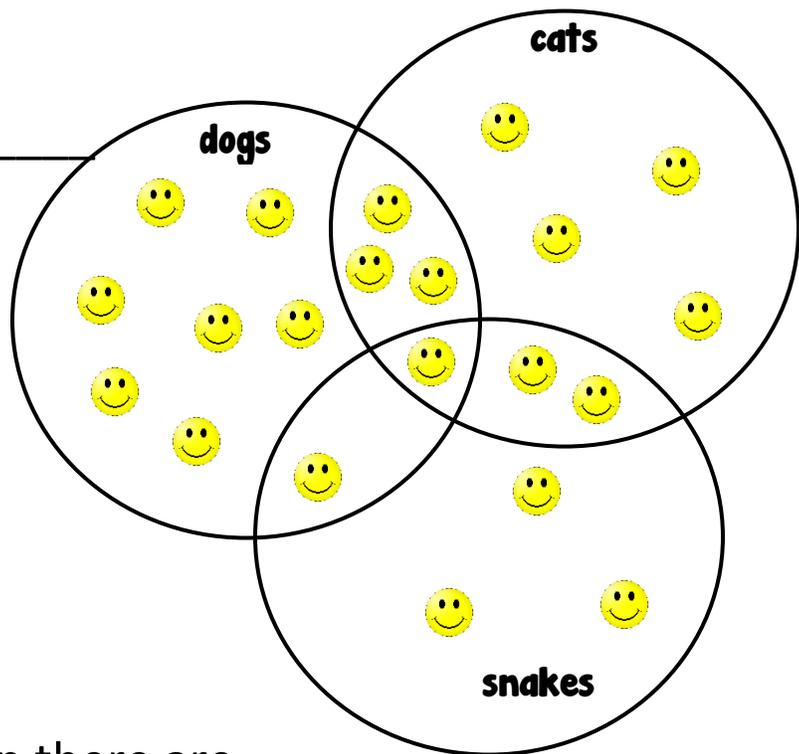
What is your Dad's name? \_\_\_\_\_

Look at this drawing.

How many kids like dogs? \_\_\_\_\_

How many kids like dogs and cats? \_\_\_\_\_

How many kids like dogs and snakes? \_\_\_\_\_

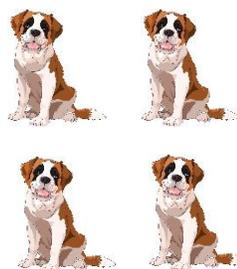


If each pet has a partner, then there are an EVEN number of pets. If there is one pet that is left alone, it is an ODD number. Write "even" or "odd" for the groups below:

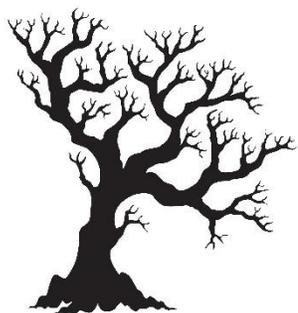
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

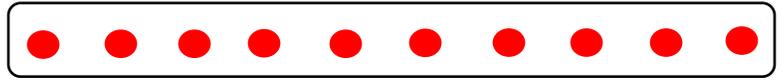


Five birds were in a tree. Three flew off when a car door slammed. How many birds are still in the tree?

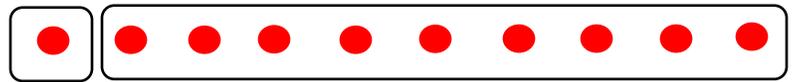


How many ways can you make 10? Circle the red dots into groups.  
The first one is done for you:

$$\underline{0} + \underline{10} = 10$$



$$\underline{\quad} + \underline{\quad} = 10$$



$$\underline{\quad} + \underline{\quad} = 10$$



$$\underline{\quad} + \underline{\quad} = 10$$



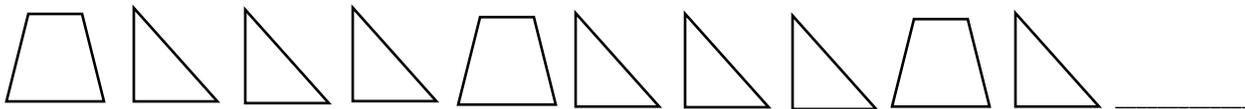
$$\underline{\quad} + \underline{\quad} = 10$$



$$\underline{\quad} + \underline{\quad} = 10$$



What comes next in the pattern?



There are an equal number of ants inside the dog house as outside. How many ants are in the dog house that you cannot see? \_\_\_\_\_



Spiders have 8 legs. Insects have 6 legs. How many legs are there below? \_\_\_\_\_

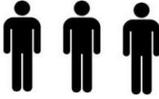


Several friends were going to go see their grandparents over the holidays. Look at the graph:

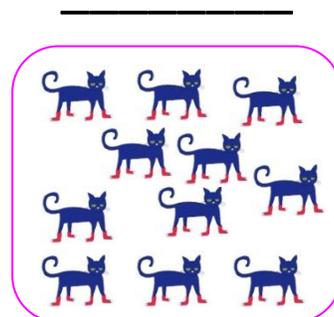
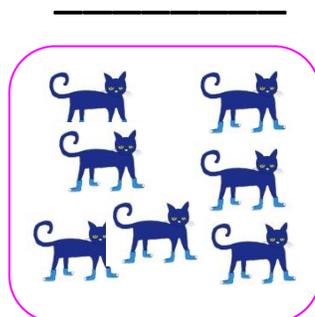
How many students traveled by car? \_\_\_\_\_

How many more students traveled by airplane than traveled by train? \_\_\_\_\_

How many students traveled to see their grandparents in all?  
\_\_\_\_\_

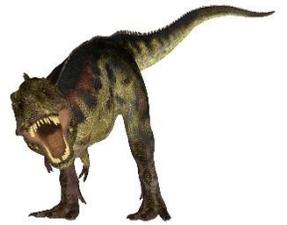
How they traveled:	
<b>Airplane</b>	
<b>Car</b>	
<b>Train</b>	
 = 2 students	

Count how many are in each set. Which has more?





# Math Practice



What comes after...

What comes before...

7 \_\_\_\_\_

\_\_\_\_\_ 2

2 \_\_\_\_\_

\_\_\_\_\_ 7

14 \_\_\_\_\_

\_\_\_\_\_ 10

2 \_\_\_\_\_

\_\_\_\_\_ 12

40 \_\_\_\_\_

\_\_\_\_\_ 8

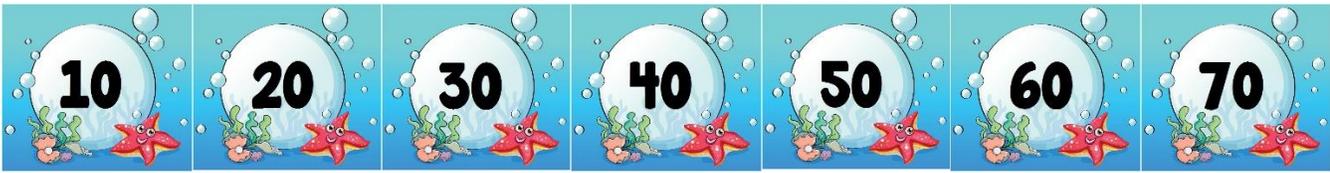
3 \_\_\_\_\_

\_\_\_\_\_ 5

13 \_\_\_\_\_

\_\_\_\_\_ 9

# Match the Numbers Below



How many lizards are there? \_\_\_\_\_



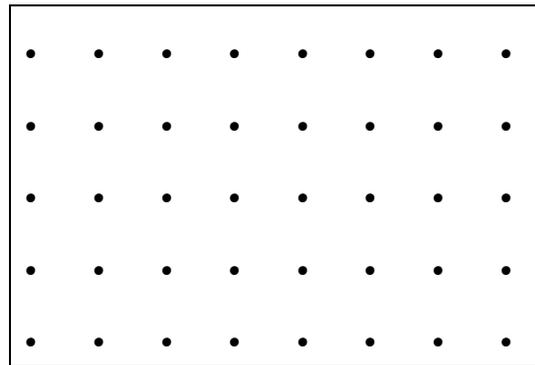
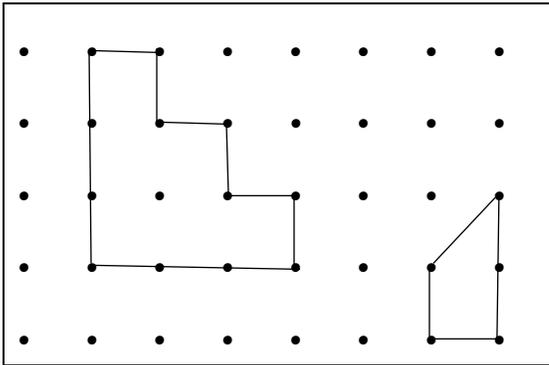
Each lizard has 4 legs. How many legs are there altogether? \_\_\_\_\_

The lizard has 5 toes on each leg. How many toes are there in all? \_\_\_\_\_



How many rain drops are above the umbrella? \_\_\_\_\_

Look at the dot pattern in the box on the left. Draw the same thing in the box on the right.



Draw a triangle:

Draw a circle:

Draw an oval:

Draw a rectangle:

How many legs are there below? (Birds have 2 legs. Most mammals have 4 legs. Spiders have 8 legs. Insects have 6 legs.)

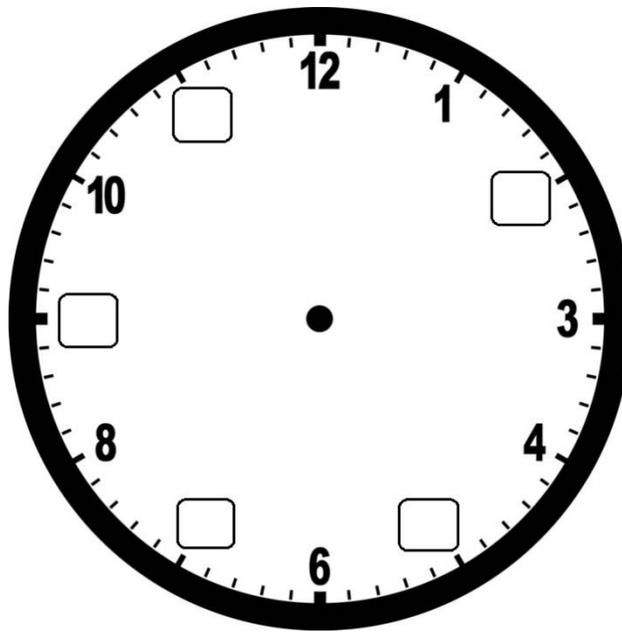


A penny is worth 1¢ and a nickel is worth 5¢. How much money is there?

\_\_\_\_\_ ¢



Fill in the missing numbers on the clock below:



Draw 7 fish. Is 7 an EVEN or an ODD number? \_\_\_\_\_

How many ways can you make 8? Circle the red dots into groups.  
The first one is done for you:

$$\underline{0} + \underline{\quad} = 8$$



$$\underline{\quad} + \underline{\quad} = 8$$



$$\underline{\quad} + \underline{\quad} = 8$$



$$\underline{\quad} + \underline{\quad} = 8$$



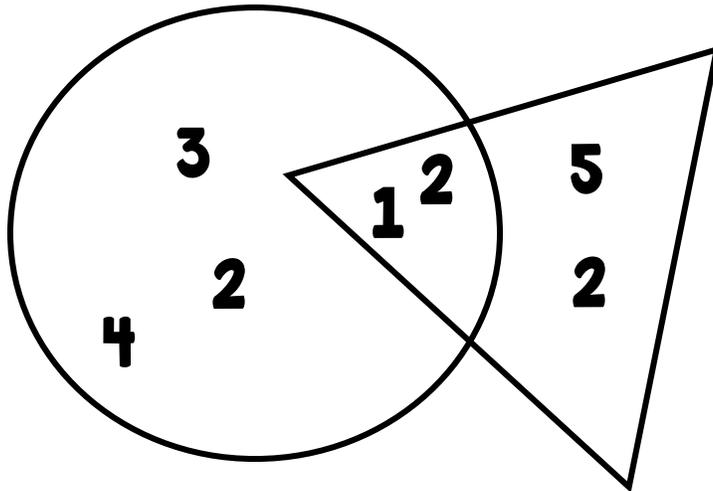
$$\underline{\quad} + \underline{\quad} = 8$$



What is the sum of the numbers in the circle? \_\_\_\_\_

What is the sum of the numbers in the circle **and** the triangle? \_\_\_\_\_

Which has more the triangle or the circle? \_\_\_\_\_



How many eyes are there below? (Each animal has 2 eyes.) \_\_\_\_\_



The calendar is missing numbers. Fill them in.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1		3
4		6	7	8	9	10
11	12	13		15	16	17
18		20	21		23	24
25	26	27		29		31

How many Sundays are there in this month? \_\_\_\_\_

How many Saturdays are there in this month? \_\_\_\_\_

Fill in the missing letters:

C D E F \_\_\_\_\_ H I

Q R S T \_\_\_\_\_ V W

\_\_\_\_\_ N O P

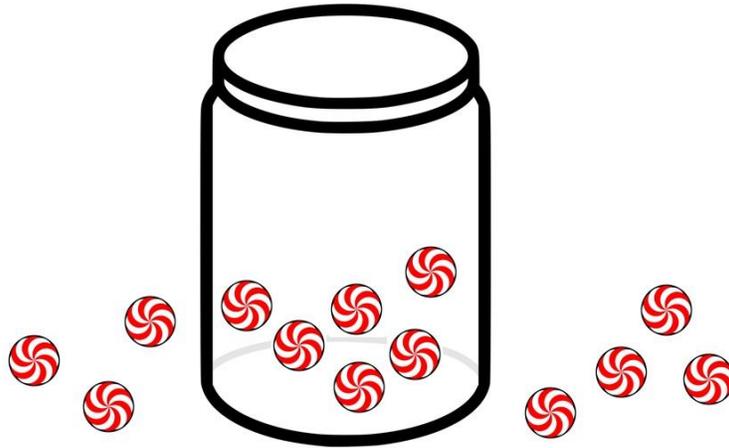
Two cats weigh 20 pounds (lbs). If the cats weigh exactly the same amount, how much does one cat weigh? \_\_\_\_\_



**20 lbs**

How many candies are inside the jar? \_\_\_\_\_

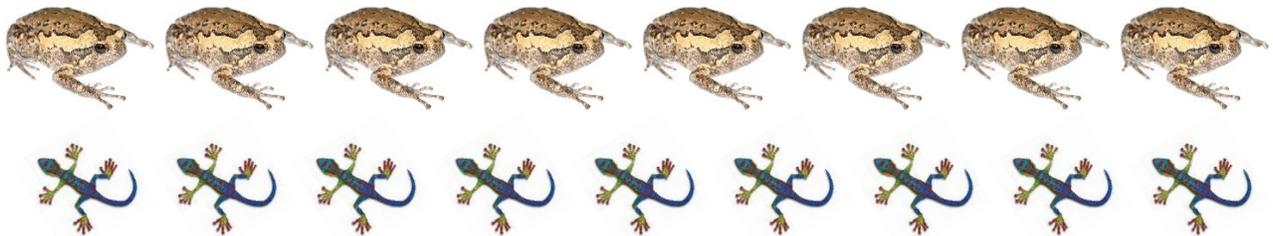
Are there more candies inside or outside of the jar? \_\_\_\_\_



Aaron found 9 lizards and 8 frogs one day. He put them in a bucket.

Half of the frogs hopped away when he lifted the lid. Three of the lizards also managed to get away.

How many frogs and lizards did he have at first? \_\_\_\_\_



How many frogs and lizards were left? \_\_\_\_\_

Jenny's birthday is on Wednesday, April 6<sup>th</sup>. Her birthday will be on Sunday afternoon. What date is her party? \_\_\_\_\_

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
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We have a [Pirate Math Packet](#) that might be of interest:

**Pirate Math Packet**  
(ages 4-6)  
**65+ Pages**

homeschoolden.com

January  
February  
March  
April

January  
February  
January  
February  
March  
April

5 10 15 20 25 30  
35 40 45 50 55 60  
65 70 75 80 85 90  
95 100

5 10 15 20 25  
30 35 40 45 50  
55 60 65 70 75  
80 85 90 95 100

1.00 7.00  
2.00 8.00  
3.00 9.00  
4.00 10.00  
5.00 11.00  
6.00 12.00

1.00 7.00  
2.00 8.00  
3.00 9.00  
4.00 10.00  
5.00 11.00  
6.00 12.00

5 10 20 25  
35 45 50 60

5 10 20 25  
35 45 50 60

11 12 13

11 12 13

You might also want to check out our [Pet Packet and Game](#):

**Pet Pack**  
Addition and Subtraction

**Addition with Carrying**

$$\begin{array}{r} 36 \\ + 27 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 46 \\ + 25 \\ \hline 71 \end{array}$$

$$\begin{array}{r} 68 \\ + 26 \\ \hline 94 \end{array}$$

$$\begin{array}{r} 27 \\ + 79 \\ \hline 106 \end{array}$$

$$\begin{array}{r} 36 \\ + 25 \\ \hline 61 \end{array}$$

$$\begin{array}{r} 79 \\ + 14 \\ \hline 93 \end{array}$$

$$\begin{array}{r} 46 \\ + 17 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 36 \\ + 14 \\ \hline 50 \end{array}$$

$$\begin{array}{r} 45 \\ + 37 \\ \hline 82 \end{array}$$

$$\begin{array}{r} 27 \\ + 37 \\ \hline 64 \end{array}$$

**Subtraction with Borrowing**

$$\begin{array}{r} 78 \\ - 59 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 94 \\ - 19 \\ \hline 75 \end{array}$$

$$\begin{array}{r} 32 \\ - 27 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 51 \\ - 17 \\ \hline 34 \end{array}$$

$$\begin{array}{r} 82 \\ - 56 \\ \hline 26 \end{array}$$

$$\begin{array}{r} 43 \\ - 28 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 26 \\ - 17 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 64 \\ - 38 \\ \hline 26 \end{array}$$

**Subtraction Practice**

656	355	277
+ 647	+ 589	+ 489
396	238	274
+ 887	+ 463	+ 587

**Subtraction Practice**

656	749	706
- 324	- 248	- 204
978	437	387
- 342	- 137	- 143

**Math Fact Cards**

1 + 1 = 2    7 + 7 = 14  
 1 + 2 = 3    7 + 8 = 15  
 1 + 3 = 4    7 + 9 = 16  
 1 + 4 = 5    7 + 10 = 17  
 1 + 5 = 6    7 + 11 = 18  
 1 + 6 = 7    7 + 12 = 19

2 + 1 = 3    2 + 7 = 9  
 2 + 2 = 4    2 + 8 = 10  
 2 + 3 = 5    2 + 9 = 11  
 2 + 4 = 6    2 + 10 = 12  
 2 + 5 = 7    2 + 11 = 13  
 2 + 6 = 8    2 + 12 = 14

3 + 1 = 4    3 + 7 = 10  
 3 + 2 = 5    3 + 8 = 11  
 3 + 3 = 6    3 + 9 = 12  
 3 + 4 = 7    3 + 10 = 13  
 3 + 5 = 8    3 + 11 = 14  
 3 + 6 = 9    3 + 12 = 15

4 + 1 = 5    4 + 7 = 11  
 4 + 2 = 6    4 + 8 = 12  
 4 + 3 = 7    4 + 9 = 13  
 4 + 4 = 8    4 + 10 = 14  
 4 + 5 = 9    4 + 11 = 15  
 4 + 6 = 10    4 + 12 = 16

5 + 1 = 6    5 + 7 = 12  
 5 + 2 = 7    5 + 8 = 13  
 5 + 3 = 8    5 + 9 = 14  
 5 + 4 = 9    5 + 10 = 15  
 5 + 5 = 10    5 + 11 = 16  
 5 + 6 = 11    5 + 12 = 17

6 + 1 = 7    6 + 7 = 13  
 6 + 2 = 8    6 + 8 = 14  
 6 + 3 = 9    6 + 9 = 15  
 6 + 4 = 10    6 + 10 = 16  
 6 + 5 = 11    6 + 11 = 17  
 6 + 6 = 12    6 + 12 = 18

**Subtraction Practice**

5-2=	4-1=
6-2=	5-3=
7-2=	6-3=
8-2=	7-3=
9-2=	8-3=
10-2=	9-3=

**Subtraction Practice**

15-6=	15-7=
14-6=	14-7=
13-6=	13-7=
12-6=	12-7=
11-6=	11-7=
16-7=	10-7=

**Subtraction Practice**

17-8=	11-8=
16-8=	10-8=
15-8=	18-9=
14-8=	17-9=
13-8=	16-9=
12-8=	15-9=

**Subtraction Practice**

14-9=	30-10=
13-9=	40-10=
12-9=	50-10=
11-9=	60-10=
10-9=	70-10=
20-10=	80-10=

**Pet Game Board**

**and**

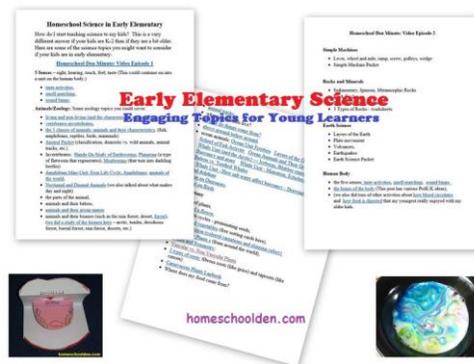
**Math Fact Cards**

[homeschoolden.com](http://homeschoolden.com)

[homeschoolden.com](http://homeschoolden.com)

[homeschoolden.com](http://homeschoolden.com)

You might also want to check out some of our science materials. We had \*so\* much fun with science at this age. [Early Elementary Science](#)



And, if you are creating your own homeschool curriculum, you might want to check out this FREE resource packet: [Creating a Homeschool Curriculum-Kindergarten, Grade 1](#) It is about 50 pages! (I have [free resource guide for Gr 2-3](#) as well and hope to finish the Gr. 4-5 one soon!)

