peanut Butter puzzle

Name: __________________

did you know... At birth, a baby koala bear is about 2 centimeters long. When it comes out of its mother’s pouch it has grown to be about 20 centimeters long. Aha! Isn’t that sweet!

* How many centimeters are in 1 inch? ________________

* If there were 2 koala bears, how long would they be at birth? ________________

** Find three items in the room that are 2 centimeters long. ________________

** Find two items in the room that are 20 centimeters long. ________________

*** How much does the koala grow before it comes out of the pouch? ________________

Take a Bite out of this Number! 35

Write it! ________________________________________

Add 3! ________________________________________

Add 25! ________________________________________

Subtract 5! ________________________________________

Subtract 17! ________________________________________

Next 3 odd numbers! ________________________________________

Next 3 even numbers! ________________________________________

What is the mystery number? ________________________________________

CCSS: 2.NBT.A.1, 2.NBT.A.4, 2.NBT.B.5, 2.NBT.B.9
Peanut Butter Puzzle

Did you know... Most horses need only about 3 hours of sleep a day. I guess they don't need an alarm clock!

• If you sleep 10 hours a day, how many more hours do you sleep than a horse? _______________

• About how many hours does a horse sleep in a week? _______________

• About how many hours does a horse sleep in November? _______________

• In a day, about how many minutes does a horse sleep? _______________

• About how many hours does a horse sleep in 2 days? _______________

• If a horse has slept for 30 hours, how many days has the horse been asleep? _______________

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Take a Bite out of this Number! 107

Write it! _______________

Add 3! _______________

Add 25! _______________

Subtract 5! _______________

Subtract 17! _______________

Next 3 odd numbers! _______________

Next 3 even numbers! _______________

What is the mystery number? _______________

CCSS: 2.OA.B.2, 2.OA.A.1, 2.OA.C.3, 2.NBT.B.6, 2.NBT.C.7
2.OA.1 Joe had 16 candles on his birthday cake. He blew some out and now there are 4 still lit. How many candles did he blow out?

2.NBT.8 Fill in the chart below.

<table>
<thead>
<tr>
<th>304</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 more</td>
</tr>
<tr>
<td>10 less</td>
</tr>
<tr>
<td>100 more</td>
</tr>
<tr>
<td>100 less</td>
</tr>
</tbody>
</table>

2.MD.8 Tom had 2 one-dollar bills, 3 quarters, and 3 pennies. How much money did he have?

2.G.3 Shade in one-third of this circle.
Add or subtract.

19 - 2 =  
11 + 6 =  
14 - 6 =  

15 + 3 =  
14 - 9 =  
12 + 5 =  

13 + 5 =  
12 - 8 =  
19 - 3 =  

15 - 8 =  
15 + 4 =  
14 + 3 =  

16 - 3 =  
12 - 4 =  
13 + 4 =  

Add. Explain your thinking with numbers, pictures, and/or words.

57 + 38 =  

How much money is this?

What is the name of this shape?

Primary Divas
2.OA.1  Sam had 64 balloons. He let go of 27 balloons. How many balloons does he have left?

2.NBT.1  What number is shown below?

2.MD.1  How long is this key?

2.G.1  What is the name of this shape?
2.OA.3 Circle the even numbers.

45  77  30
56  82  49
62  38  46
35  26  60

2.NBT.3

264
Write the number above in word form:

Write the number above in expanded form:

2.MD.3 Which object is about 3 inches long in real life?

- crayon
- push pin
- fork

2.G.2 How many square units are in this rectangle?

Primary Divas
A Real "Mathful"

Solve the problems.
Show your work.

45 + 27 = 72
64 + 16 = 80
23 + 28 = 51
39 + 46 = 85

51 + 39 = 90
46 + 26 = 72
15 + 78 = 93
48 + 27 = 75

17 + 79 = 96
58 + 16 = 74
44 + 18 = 62
53 + 27 = 80

64 + 27 = 91
78 + 19 = 97
36 + 55 = 91
21 + 49 = 70

16 + 79 = 95
57 + 36 = 93
26 + 17 = 43
33 + 29 = 62

Count by twos to connect the dots.

Bonus Box: Color your favorite sandwich fillings showing from the edges of the sandwich.
Sweet Subtraction

Solve each problem.

An ice-cream sandwich costs 40¢.
An ice-cream bar costs 45¢.
How much more does an ice-cream bar cost than an ice-cream sandwich?

Three scoops on a cone cost 97¢. Two scoops cost 75¢. How much more do three scoops cost than two scoops?

Two scoops on a cone cost 75¢. One scoop costs 50¢. How much more do two scoops cost than one scoop?

Emily had 85¢. She bought a Popsicle for 25¢. How much money did she have left?

A soda costs 83¢. A milkshake costs 99¢. How much more does a milkshake cost than a soda?

A root-beer float costs 97¢. Patty has 35¢. How much more money does Patty need to buy a root-beer float?

Jim had 58¢. He bought an ice-cream bar for 45¢. How much money did he have left?

A banana split costs 96¢. A sundae costs 62¢. How much more does a banana split cost than a sundae?

Whipped cream on a sundae costs 30¢. Nuts cost 55¢. How much more do nuts cost than whipped cream?
Hip, Hip, “Hippo-ray”!

Solve the problems.
Match the letters to the numbered lines below to solve the riddle.
The first one has been done for you.

What kind of exercise does a hippo do?

<table>
<thead>
<tr>
<th>814</th>
<th>673</th>
<th>935</th>
<th>584</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 703</td>
<td>- 541</td>
<td>- 821</td>
<td>- 102</td>
</tr>
<tr>
<td>111</td>
<td>= O</td>
<td>= H</td>
<td>= P</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>456</th>
<th>345</th>
<th>674</th>
<th>887</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 316</td>
<td>- 132</td>
<td>- 142</td>
<td>- 706</td>
</tr>
<tr>
<td>= C</td>
<td>= !</td>
<td>= I</td>
<td>= B</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>313</th>
<th>499</th>
<th>780</th>
<th>984</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 210</td>
<td>- 227</td>
<td>- 430</td>
<td>- 372</td>
</tr>
<tr>
<td>= P</td>
<td>= I</td>
<td>= O</td>
<td>= S</td>
</tr>
</tbody>
</table>

You can work out too!

1. Stretch up high and count to five.
2. Touch the floor and count to five.
3. Put your hands on your hips and turn from left to right five times.
Flying Time

Write the times on the lines.
Cross out your answers in the barn.

Example
7:30

5:00  3:15
8:15  6:30  11:45
4:30  7:30  1:45  6:00
9:15  2:45  12:00  10:30

Bonus Box: Color the balloons. Blue = quarter past, Yellow = half past, Red = quarter to.
Cut out the bargains.
Glue each bargain by a matching set of coins.

<table>
<thead>
<tr>
<th>Bargains</th>
<th>Coins</th>
</tr>
</thead>
<tbody>
<tr>
<td>eye patch</td>
<td>52¢</td>
</tr>
<tr>
<td>whiskers trimmed</td>
<td>46¢</td>
</tr>
<tr>
<td>ear pierced</td>
<td>47¢</td>
</tr>
<tr>
<td>gold earring</td>
<td>73¢</td>
</tr>
<tr>
<td>tattoo</td>
<td></td>
</tr>
<tr>
<td>face scar</td>
<td>35¢</td>
</tr>
<tr>
<td>shampoo</td>
<td>60¢</td>
</tr>
<tr>
<td>scarf cleaned</td>
<td>90¢</td>
</tr>
<tr>
<td>haircut</td>
<td></td>
</tr>
<tr>
<td>teeth flossed</td>
<td>88¢</td>
</tr>
<tr>
<td>31¢</td>
<td></td>
</tr>
<tr>
<td>Amount</td>
<td>Coins</td>
</tr>
<tr>
<td>--------</td>
<td>-------</td>
</tr>
<tr>
<td>37¢</td>
<td><img src="image" alt="Coins" /></td>
</tr>
<tr>
<td>14¢</td>
<td><img src="image" alt="Coins" /></td>
</tr>
<tr>
<td>63¢</td>
<td><img src="image" alt="Coins" /></td>
</tr>
<tr>
<td>47¢</td>
<td><img src="image" alt="Coins" /></td>
</tr>
<tr>
<td>85¢</td>
<td><img src="image" alt="Coins" /></td>
</tr>
<tr>
<td>29¢</td>
<td><img src="image" alt="Coins" /></td>
</tr>
<tr>
<td>56¢</td>
<td><img src="image" alt="Coins" /></td>
</tr>
<tr>
<td>78¢</td>
<td><img src="image" alt="Coins" /></td>
</tr>
<tr>
<td>85¢</td>
<td><img src="image" alt="Coins" /></td>
</tr>
</tbody>
</table>
**We’re Cooking Now!**

Follow the directions.

<table>
<thead>
<tr>
<th>Draw a hat on $\frac{1}{3}$ of the bakers.</th>
<th>Color $\frac{1}{4}$ of the spoons black.</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Cookies" /></td>
<td><img src="image2" alt="Spoons" /></td>
</tr>
<tr>
<td>Color $\frac{1}{2}$ of the cookies brown.</td>
<td>Circle $\frac{1}{3}$ of the rolls.</td>
</tr>
<tr>
<td><img src="image3" alt="Brownies" /></td>
<td><img src="image4" alt="Rolls" /></td>
</tr>
<tr>
<td>Draw nuts on $\frac{1}{3}$ of the brownies.</td>
<td>Color $\frac{1}{2}$ of the cakes yellow.</td>
</tr>
<tr>
<td><img src="image3" alt="Brownies" /></td>
<td><img src="image5" alt="Cakes" /></td>
</tr>
<tr>
<td>Draw sprinkles on $\frac{1}{4}$ of the cupcakes.</td>
<td>Color $\frac{1}{4}$ of the doughnuts orange.</td>
</tr>
<tr>
<td><img src="image6" alt="Cupcakes" /></td>
<td><img src="image7" alt="Doughnuts" /></td>
</tr>
<tr>
<td>Color $\frac{1}{3}$ of the donuts green.</td>
<td>Draw smiles on $\frac{1}{2}$ of the children.</td>
</tr>
<tr>
<td><img src="image8" alt="Donuts" /></td>
<td><img src="image9" alt="Children" /></td>
</tr>
<tr>
<td>Circle $\frac{1}{2}$ of the pies.</td>
<td>Draw chips on $\frac{1}{4}$ of the cookies.</td>
</tr>
<tr>
<td><img src="image10" alt="Pies" /></td>
<td><img src="image11" alt="Cookies" /></td>
</tr>
</tbody>
</table>
Ring Around The Balloon

Look at the shapes inside the balloons.
Circle the fraction that tells how much of the shape is shaded.

1. \( \frac{1}{2} \)
2. \( \frac{1}{3} \)
3. \( \frac{1}{4} \)
4. \( \frac{1}{3} \)
5. \( \frac{1}{4} \)
6. \( \frac{1}{5} \)
7. \( \frac{1}{6} \)
8. \( \frac{2}{4} \)
9. \( \frac{2}{3} \)
10. \( \frac{3}{4} \)
11. \( \frac{2}{4} \)
12. \( \frac{3}{4} \)
13. \( \frac{5}{6} \)
14. \( \frac{3}{4} \)

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What Am I?

Directions: Read the clues. Guess the shape. Write the name of the shape on the line. Draw a line to match the clue to the shape.

<table>
<thead>
<tr>
<th>Shape Names</th>
</tr>
</thead>
<tbody>
<tr>
<td>cube</td>
</tr>
<tr>
<td>rectangle</td>
</tr>
<tr>
<td>cylinder</td>
</tr>
<tr>
<td>triangle</td>
</tr>
</tbody>
</table>

1. I am a flat shape.
   I have 3 points.
   I have 3 sides.
   What am I? ____________________
   Which clue helped you? __________

2. I am a 3-D shape.
   Two faces are circles.
   I look like a drinking glass.
   What am I? ____________________
   Which clue helped you? __________

3. I am a 3-D shape.
   I have 6 sides.
   You can use me to play.
   You can use me to build things.
   What am I? ____________________
   Which clue helped you? __________

4. I am a flat shape.
   I have 4 corners.
   My sides are not the same length.
   What am I? ____________________
   Which clue helped you? __________

Do More

Write 2 shape riddles.