1. Write the number of blocks there are in the box.
   (a) [Image with 10 blocks] [1]
   (b) [Image with 13 blocks] [1]

2. Which set has more? Circle A or B. [2]
   A [Dinosaurs]
   B [Dinosaurs]

3. Fill in the missing numbers. [1]
   (a) 9 7 6
   (b) 12 13 15

4. Write these as numbers. [2]
   (a) six _____  
   (b) eight _____
   (c) fourteen _____
   (d) twenty _____
5. 5, 3, and 2 make a number bond.
4, 0, and 4 also make a number bond.

Write the missing number for the number bonds.

(a) \[
\begin{array}{c}
\underline{4} \\
\underline{3}
\end{array}
\]

(b) \[
\begin{array}{c}
\underline{10} \\
\underline{5}
\end{array}
\]

(c) \[
\begin{array}{c}
7 \\
\underline{5}
\end{array}
\]

(d) \[
\begin{array}{c}
8 \\
\underline{3}
\end{array}
\]

6. Write 4 different addition or subtraction equations using the numbers 4, 3, and 7.

7. Fill in the blanks.

(a) \[0 + 6 = \underline{\text{_____}}\]
(b) \[7 + 2 = \underline{\text{_____}}\]
(c) \[5 + 4 = \underline{\text{_____}}\]
(d) \[3 + \underline{\text{_____}} = 8\]
(e) \[10 - 4 = \underline{\text{_____}}\]
(f) \[8 - 6 = \underline{\text{_____}}\]
(g) \[7 + \underline{\text{_____}} = 10\]
(h) \[10 - \underline{\text{_____}} = 5\]
8. Circle the equations that are true

\[
\begin{align*}
4 + 5 &= 8 & 5 + 2 &= 2 + 5 & 8 + 1 &= 8 - 1 \\
5 + 2 &= 4 + 3 & 3 + 2 &= 9 - 4 & 7 - 3 &= 6 + 1
\end{align*}
\]

9. Write the answer. Show your work.

(a) Mary used 4 eggs to bake a cake and 2 eggs to bake cookies. How many eggs did she use?

She used ____ eggs.

(b) There are 6 balls. 3 of them are red. The rest are blue. How many are blue?

There are ____ blue balls.

(c) Pat lost 3 balloons to the wind. She had 6 balloons left. How many balloons did she have at first?

She had ____ balloons.
10. Look at these letters. They are in a line.

\[ \text{A B C D E F G H I J K} \]

(a) Which letter is third? _____

(b) Which letter is second from the right? _____

11. Some boys are in a line. Tom is 4th in line and Sam is 8th in line. How many boys are between Sam and Tom?

There are _____ boys between Sam and Tom.

12. Fill in the blanks.

(a) What number comes after twelve? _____

(b) What number comes before 19? _____

(c) \(10 + 5 = \) _____

(d) _____ + 3 = 13

(d) Which is greatest; 13, 9, or 19? _____

(e) Which is smallest; 14 or 17? _____

13. Write + or – in each \( \bigcirc \)

(a) \(10 \bigcirc 3 = 7\) \hspace{1cm} (b) \(8 \bigcirc 5 = 13\) \hspace{1cm} (c) \(10 \bigcirc 3 = 13\) \hspace{1cm} (d) \(13 \bigcirc 8 = 5\)
14. Fill in the blanks

(a) 13 + 2 = _____  
(b) 7 + 5 = _____  

[c]

(c) 18 − 5 = _____  
(d) 14 − 9 = _____  

[c]

(e) 6 + _____ = 12  
(f) _____ + 4 = 12  

[4]

(g) _____ − 4 = 12  
(h) 15 − _____ = 7  

[4]

15. Write an equation to solve these problems. Then fill in the blank.

(a) Mary has 7 stickers. Pam has 8 more than Mary. How many stickers does Pam have?

Pam has _____ stickers.

(b) Sally needs 15 balloons for a party. She has 11 balloons now. How many more balloons does she need?

She needs _____ more balloons.
16. Circle the one in the box that comes next. [1]

17. [Diagram with various shapes]

(a) How many circles are there? ______ [1]
(b) How many triangles are there? _____ [1]
(c) How many rectangles are there? _____ [1]
(d) How many shapes have 4 corners? _____ [1]
(e) Circle two shapes that when put together could form a square. [1]

18. [Diagram with various 3D shapes]

(a) Circle the shapes that we can roll. [3]
(b) Cross out the shapes that we can stack.
(c) Color the shapes that have only 2 flat surfaces.
19. Which is longest, A, B, or C?_____

20. The paper clip is a unit. The pencil is about _____ units long.

21. Write a subtraction equation to solve these problems. Then fill in the blank for the answer.

(a) Mary has 7 dolls. Pam has 12 dolls. How many more dolls does Pam have than Mary?

______ – _______ = _______

Pam has _____ more dolls that Mary.

(b) Sally needs 9 red balloons and 6 yellow balloons. How many fewer yellow balloons does she have than red balloons?

______ – _______ = _______

She has _____ fewer yellow balloons.
22. This picture graph shows the number of pizza slices five boys ate last week.

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Abe</td>
<td>Ben</td>
<td>Carlos</td>
<td>Daniel</td>
<td>Everett</td>
</tr>
</tbody>
</table>

(a) Daniel ate _______ fewer slices than Ben. [1]

(b) ___________ ate the most pizza. [1]

(c) Carlos ate ___________ more slices than Abe. [1]

(d) Everett and _________ ate the same number of slices. [1]
23. (a) Complete the tally chart for each kind of sea creature.

<table>
<thead>
<tr>
<th>Animal</th>
<th>Tally</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octopus</td>
<td>// //</td>
</tr>
<tr>
<td>Seahorse</td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>// //</td>
</tr>
<tr>
<td>Stingray</td>
<td></td>
</tr>
</tbody>
</table>

(b) Then, complete the bar graph.

(c) How many seahorses are there? _______

(d) There is the least number of which sea animal? (circle)

(e) How many more seahorses are there than fish?

There are ______ more seahorses than fish.
Answer Key

1. (a) 7  
   (b) 13

2. B

3. (a) 8, 5  
   (b) 11, 14

4. (a) 6  
   (b) 8  
   (c) 14  
   (d) 20

5. (a) 7  
   (b) 15  
   (c) 2  
   (d) 5

6. $3 + 4 = 7$  
   $4 + 3 = 7$  
   $7 - 3 = 4$  
   $7 - 4 = 3$

7. (a) 6  
   (b) 9  
   (c) 9  
   (d) 5  
   (e) 6  
   (f) 2  
   (g) 3  
   (h) 5

8. $5 + 2 = 2 + 5$  
   $5 + 2 = 4 + 3$  
   $3 + 2 = 9 - 4$

9. (a) 6  
   (b) 3  
   (c) 9

10. (a) C  
     (b) J

11. 3

12. (a) 13  
    (b) 18  
    (c) 15  
    (d) 10  
    (e) 19

13. (a) $-$  
    (b) $+$  
    (c) $+$  
    (d) $-$

14. (a) 15  
    (b) 12  
    (c) 13  
    (d) 5  
    (e) 6  
    (f) 8  
    (g) 16  
    (h) 8

15. (a) $7 + 8 = 15$; 15  
    (b) $15 - 11 = 4$; 4

16.

17. (a) 2  
    (b) 4  
    (c) 1  
    (d) 2  
    (e)  

18. (a) circle ball, cone, can, cylinder  
    (b) cross out radio, box, block, can, cylinder  
    (c) color the can and the cylinder

19. B

20. 8

21. (a) $12 - 7 = 5$; 5  
    (b) $9 - 6 = 3$; 3

22. (a) 4  
    (b) Carlos  
    (c) 3  
    (d) Abe

23. (a)  
    (b)  
    (c) 12  
    (d)  
    (e) $12 - 8 = 4$; 4