1

Draw a dot in a box for every shape in each picture.
1. Draw lines to match up each pair of animals.

Colour the animals from each pair in the same colour.

Draw a dot in a box for every pair of animals.

Lines drawn joining pairs of animals.

2. Colour the same vehicles in the same colours.

Draw a dot in a box for every lorry in the picture.

There are only 2 pairs of identical vehicles.

3. Continue the pattern.
1. Colour the **longest** pencil yellow.
   Colour the **shortest** pencil green.

2. Colour the **tallest** house red.
   Colour the **smallest** house blue.

3. Continue the pattern.

4. Colour blue as many glasses as there are plates on the table.
<table>
<thead>
<tr>
<th></th>
<th>Instructions</th>
</tr>
</thead>
</table>
| 1 | Circle the car which does not match.  
|   | ![Cars] |
| 2 | Colour the **same** animals in the **same** colour.  
|   | ![Animals] |
| 3 | Continue the shading pattern.  
|   | ![Shading] |
| 4 | Change the shading as shown.  
|   | ![Shading Change] |
| 5 | Colour the boats in different ways. Use green, yellow and red.  
|   | ![Boats] |
# Colouring and Drawing Answer Sheet

<table>
<thead>
<tr>
<th><strong>1</strong></th>
<th>Colour the <strong>same</strong> toys in the <strong>same</strong> colour.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><img src="image1" alt="Toy Images" /></td>
</tr>
<tr>
<td></td>
<td>Draw a ____ line beneath the toy of which there is only one.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>2</strong></th>
<th>Draw around the group which has <strong>less</strong> ice-creams.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><img src="image2" alt="Ice Cream Images" /></td>
</tr>
<tr>
<td></td>
<td>Draw as many dots in the grids as there are ice-creams.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>3</strong></th>
<th>Where would you put the fruit and where would you put the flowers?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><img src="image3" alt="Fruit and Flowers" /></td>
</tr>
<tr>
<td></td>
<td>Show your answer by drawing lines.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>4</strong></th>
<th>Colour in the first 4 shapes as shown. Continue the colouring pattern.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><img src="image4" alt="Colour Grid" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>5</strong></th>
<th>Draw in the missing arrows.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><img src="image5" alt="Arrows" /></td>
</tr>
<tr>
<td></td>
<td>This is shorter than this</td>
</tr>
</tbody>
</table>
1. Colour the **longest** kite red and the **shortest** kite blue.

2. Compare the pictures. Draw around the group which has **more**.
   Draw signs: <, > or =

3. Draw dots on the balls to make the signs correct.
   E.g:

4. Draw lines in the boxes so that the signs are correct.
1. Join up the pictures which have the same number of objects.

2. Draw as many dots in the grid as there are flowers in each picture.

   Compare the pictures. Write $>$, $<$ or $=$ between the pictures.

3. Complete the drawings to make the signs correct.

4. Complete the table.

5. Colour the beads in different ways. Use red or blue.

or all blue
1. Match up the elements as shown. Which has more? Write < or > in the box.
   a)
   b)

2. Match the pictures to the correct number of dots.

3. Compare the pictures: use >, <, =, ≥ or ≤

4. Complete the drawings to make the signs correct.
   E.g:
   
   Any 2 of these or 2 = signs
   
Page 8
1. Join up the trains which are the same length.

![Train diagram]

Colour the longest train red and the shortest train blue.

2. Complete the drawing of the tree. Draw arrows towards the taller tree.

![Tree diagram]

3. a) Draw around the shapes which have less sticks than, or the same number of sticks as, the shape at the start of the row.

   ![Shapes diagram]

   b) Draw around the shapes which have more sticks than, or the same number of sticks as, the shape at the start of the row.

   ![Shapes diagram]

4. Colour in the houses as shown.

   E.g:

   ![House diagram]
1. Show how Paul can choose two balls from a red ball, a white ball and a green ball.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td></td>
<td></td>
</tr>
<tr>
<td>W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

There are only 3 possibilities.

2. Draw the matching number of dots in the grid. Circle the correct signs.

a)

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

b)

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Draw the matching number of dots in the grid. Cross out the wrong signs.

a)

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

b)

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Complete the pictures to match the signs. E.g:

4. Show different ways to share a red ball, a white ball and a green ball between Ann and Bob.

A | R |  |
---|---|---|
   |   |   |
B | W | G |
   |   |   |
1. Complete the drawings to make the signs correct.

E.g:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>≤</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>≠</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>≥</td>
<td>4</td>
</tr>
</tbody>
</table>

2. Draw matching dots in the grids and write correct signs between the pictures.

3. Continue the pattern.

4. Draw **less** objects and **more** objects than the number in the middle.

E.g:

<table>
<thead>
<tr>
<th>Less</th>
<th>More</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Apples" /></td>
<td><img src="image2.png" alt="Apples" /></td>
</tr>
<tr>
<td><img src="image3.png" alt="Apples" /></td>
<td><img src="image4.png" alt="Apples" /></td>
</tr>
<tr>
<td><img src="image5.png" alt="Stars" /></td>
<td><img src="image6.png" alt="Stars" /></td>
</tr>
<tr>
<td><img src="image7.png" alt="Stars" /></td>
<td><img src="image8.png" alt="Stars" /></td>
</tr>
</tbody>
</table>
1. Continue the pattern.

```
2 2 2 2 2 2 2 2 2 2
```

2. Complete the drawings according to the signs.

- Fish ≤ Chicken Leg
- Chips > Fruit
- Ice-Cream = Cake

3. Write the correct signs in the boxes.

```
|| < || + || = || = || + || + || > ||
```

4. Continue the pattern.

```
△ △ ○ △ △ ○ △ ○ △ ○ △ ○ △ ○ △ ○
```

5. Show different ways to choose a meal.

- Fish
- Chicken Leg
- Chips
- Cake
- Fruit
- Ice-Cream
1. Join up the pictures which show the same number.

2. How many little chicks are in each picture? Circle the correct number.

3.

4.
1. Complete the pictures.

2. Write the missing numbers in the boxes under the number line. Join the pictures to the number line.

3. Write the correct numbers and signs in the boxes: 0, 2, <, >, =
1. Draw a picture in each circle to make the signs correct.

2. Draw the correct number of dots in the grid beside each picture. Write the number in the box.

3. What is the machine doing? Complete the pictures.

4. Colour over the thread which could lose its bead.
1

How many balls can you see?  1
How many animals are there?  1
How many clothes are there?  1

Colour yellow the toy above the ball.
Colour red the toy to the left of the ball.
Colour blue the toy to the right of the ball.

Draw the toy which is in front of the car.

Draw the toy which is behind the car.

2

Draw one of the toys on the top shelf.

Colour red the first toy from the left on the middle shelf.
Colour green the second toy from the right on the bottom shelf.

3

4
1. Join the pictures to the corresponding point on the number line. Write the numbers below the pictures.

2. Colour the necklace which has more beads.

3. Compare the two parts of each domino. Write it down using numbers and signs.

4. Colour the row which is different.
1. Complete the right-hand side of each picture to match the numbers and signs.

```
<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 < 2   2 > 1   0 < 2   2 = 2
```

2. Draw flowers in the pots to match the numbers. Use different ways.

```
1 + 1 = 2
0 + 1 = 1
0 + 0 = 0
0 + 2 = 2
1 + 0 = 1
2 + 0 = 2
```

3. Write down additions which describe the pictures.

```
2 + 0 = 2
1 + 1 = 2
1 + 0 = 1
0 + 1 = 1
```

4. Fill in the missing numbers.

```
0 + 0 = 0
0 + 1 = 1
0 + 2 = 2

1 + 0 = 1
1 + 1 = 2
2 + 0 = 2
```

5. Fill in the missing numbers.

```
1 = 0 + 1
2 = 1 + 1
3 = 2 + 1

0 = 0 + 0
2 = 0 + 2
1 = 1 + 0
```
### 1
Complete the equations to match the pictures.

<table>
<thead>
<tr>
<th>Equation</th>
<th>Picture</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1 + 1 = 2$</td>
<td><img src="image1.png" alt="Picture 1" /></td>
</tr>
<tr>
<td>$2 - 1 = 1$</td>
<td><img src="image2.png" alt="Picture 2" /></td>
</tr>
<tr>
<td>$0 + 2 = 2$</td>
<td><img src="image3.png" alt="Picture 3" /></td>
</tr>
<tr>
<td>$2 - 2 = 0$</td>
<td><img src="image4.png" alt="Picture 4" /></td>
</tr>
</tbody>
</table>

### 2
What do the pictures tell you? Complete the subtractions.

<table>
<thead>
<tr>
<th>Equation</th>
<th>Picture</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2 - 1 = 1$</td>
<td><img src="image5.png" alt="Picture 5" /></td>
</tr>
<tr>
<td>$2 - 2 = 0$</td>
<td><img src="image6.png" alt="Picture 6" /></td>
</tr>
<tr>
<td>$1 - 1 = 0$</td>
<td><img src="image7.png" alt="Picture 7" /></td>
</tr>
<tr>
<td>$2 - 0 = 2$</td>
<td><img src="image8.png" alt="Picture 8" /></td>
</tr>
</tbody>
</table>

### 3
What do the pictures tell you? Complete the subtractions.

<table>
<thead>
<tr>
<th>Equation</th>
<th>Picture</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2 - 0 = 2$</td>
<td><img src="image9.png" alt="Picture 9" /></td>
</tr>
<tr>
<td>$1 - 0 = 1$</td>
<td><img src="image10.png" alt="Picture 10" /></td>
</tr>
<tr>
<td>$0 - 0 = 0$</td>
<td><img src="image11.png" alt="Picture 11" /></td>
</tr>
<tr>
<td>$1 - 1 = 0$</td>
<td><img src="image12.png" alt="Picture 12" /></td>
</tr>
</tbody>
</table>

### 4
Fill in the missing numbers.

<table>
<thead>
<tr>
<th>Equation</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0 - 0 = \boxed{0}$</td>
<td></td>
</tr>
<tr>
<td>$1 - 0 = \boxed{1}$</td>
<td></td>
</tr>
<tr>
<td>$1 - 1 = \boxed{0}$</td>
<td></td>
</tr>
<tr>
<td>$2 - 0 = \boxed{2}$</td>
<td></td>
</tr>
<tr>
<td>$2 - 1 = \boxed{1}$</td>
<td></td>
</tr>
<tr>
<td>$2 - 2 = \boxed{0}$</td>
<td></td>
</tr>
<tr>
<td>$1 = 2 - 1$</td>
<td></td>
</tr>
<tr>
<td>$0 = 2 - 2$</td>
<td></td>
</tr>
<tr>
<td>$0 = 0 - 0$</td>
<td></td>
</tr>
<tr>
<td>$1 = 1 - 0$</td>
<td></td>
</tr>
<tr>
<td>$1 = 1 - 0$</td>
<td></td>
</tr>
</tbody>
</table>
1. Join each domino to the matching addition and to the correct point on the number line.

2. Write the answers in the boxes. Display the equations by drawing sticks.
   
   a) \(1 + 1 = \) [2] \(\boxed{1} \ + \ | = \boxed{||}\)
   
   b) \(2 + 0 = \) [2] \(\boxed{2} \ + \ 0 = \boxed{||}\)
   
   c) \(0 + 1 = \) [1] \(\boxed{0} \ + \ 1 = \boxed{|}\)
   
   d) \(2 - 2 = \) [0] \(\boxed{||} \ - \ | = \boxed{0}\)
   
   e) \(1 - 0 = \) [1] \(\boxed{1} \ - \ 0 = \boxed{|}\)

3. Complete the subtractions to match the pictures.
   
   \(2 - 1 = \) [1] \(\boxed{2} \ - \ 1 = \boxed{1}\)
   
   \(1 - 1 = \) [0] \(\boxed{1} \ - \ 1 = \boxed{0}\)
   
   \(2 - 1 = \) [1] \(\boxed{2} \ - \ 1 = \boxed{1}\)
   
   \(2 - 2 = \) [0] \(\boxed{2} \ - \ 2 = \boxed{0}\)

4. Solve:
   
   \(0 + 0 = \) [0] \(\boxed{0} \ + \ 0 = \boxed{0}\)
   
   \(1 + 0 = \) [1] \(\boxed{1} \ + \ 0 = \boxed{1}\)
   
   \(2 + 0 = \) [2] \(\boxed{2} \ + \ 0 = \boxed{2}\)
   
   \(0 + 1 = \) [1] \(\boxed{0} \ + \ 1 = \boxed{1}\)
   
   \(1 + 1 = \) [2] \(\boxed{1} \ + \ 1 = \boxed{2}\)
   
   \(2 + 1 = \) [3] \(\boxed{2} \ + \ 1 = \boxed{3}\)
   
   \(0 + 2 = \) [2] \(\boxed{0} \ + \ 2 = \boxed{2}\)
   
   \(1 + 2 = \) [3] \(\boxed{1} \ + \ 2 = \boxed{3}\)
   
   \(2 + 2 = \) [4] \(\boxed{2} \ + \ 2 = \boxed{4}\)
1. Colour in as many pears as will make the inequality true.

\[0 < 1\]  \[1 > 0\]  \[1 < 2\]

2. Compare the two sides of each domino. Write it down in different ways.

\[1 < 2\]
\[1 + 1 = 2\]
\[2 - 1 = 1\]

<table>
<thead>
<tr>
<th>[\cdot]</th>
<th>[\cdot]</th>
<th>[\cdot]</th>
</tr>
</thead>
<tbody>
<tr>
<td>[\cdot]</td>
<td>[\cdot]</td>
<td>[\cdot]</td>
</tr>
<tr>
<td>[\cdot]</td>
<td>[\cdot]</td>
<td>[\cdot]</td>
</tr>
</tbody>
</table>

| 1 + 0 = 1 |
| 1 > 0 |
| 1 - 0 = 1 |

| 2 = 2 |
| 2 + 2 = 4 |
| 2 - 2 = 0 |

3. Fill in the missing numbers.

\[0 + 0 = 0\]
\[1 + 1 = 2\]
\[1 - 0 = 1\]
\[0 + 1 = 1\]
\[2 + 0 = 2\]
\[2 - 2 = 0\]
\[2 + 0 = 2\]
\[0 - 0 = 0\]
\[2 - 1 = 1\]
\[1 + 0 = 1\]
\[2 - 1 = 1\]
\[1 - 0 = 1\]

4. Colour in any shape in the bottom row which is different from the one above it.
### 1
Fill in the missing numbers.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>=</td>
<td>0 +</td>
</tr>
<tr>
<td>1</td>
<td>=</td>
<td>0 +</td>
</tr>
<tr>
<td>1</td>
<td>=</td>
<td>0 +</td>
</tr>
<tr>
<td>2</td>
<td>=</td>
<td>1 +</td>
</tr>
<tr>
<td>2</td>
<td>=</td>
<td>1 +</td>
</tr>
</tbody>
</table>

### 2
Fill in the missing numbers.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>=</td>
<td>2 –</td>
</tr>
<tr>
<td>1</td>
<td>=</td>
<td>1 –</td>
</tr>
<tr>
<td>1</td>
<td>=</td>
<td>2 –</td>
</tr>
<tr>
<td>0</td>
<td>=</td>
<td>1 –</td>
</tr>
<tr>
<td>0</td>
<td>=</td>
<td>2 –</td>
</tr>
</tbody>
</table>

### 3
Fill in the missing numbers.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>1</td>
<td>+</td>
</tr>
<tr>
<td>b)</td>
<td>2</td>
<td>–</td>
</tr>
<tr>
<td>c)</td>
<td>0</td>
<td>+</td>
</tr>
</tbody>
</table>

### 4
What number makes each statement true?

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>2 – 1</td>
<td>&gt;</td>
</tr>
<tr>
<td>b)</td>
<td>2</td>
<td>=</td>
</tr>
<tr>
<td>a)</td>
<td>0 + 1</td>
<td>&lt;</td>
</tr>
</tbody>
</table>

E.g.: 2 or 1 > 0 + 0

| b) | 1 + 1 | > | or 0 |

E.g.: 2 or 1 > 1 – 1

E.g.: 2 or 1 > 2 + 0
1. a) Which numbers have been covered up?

\[
\begin{align*}
1 + \_ & = 1 \\
0 + 2 & = 0 \\
2 - 1 & = 1 \\
1 + \_ & = 0
\end{align*}
\]

b) Write down the equation for each balance with a hand.

\[
\begin{align*}
1 + 1 &= 2 \\
1 + 0 &= 1
\end{align*}
\]

2. Compare the numbers. Write the correct signs in the boxes: <, >, =

a) 1 \(<\) 2  \\
b) 1 + 1 \(=\) 2  \\
c) 2 - 1 \(<\) 2

\[
\begin{align*}
2 & > 0 \\
1 + 0 & < 2 \\
2 - 2 & < 1 \\
0 & < 1 \\
1 + 1 & > 1 \\
2 - 1 & = 1
\end{align*}
\]

3. Fill in the missing numbers. Show what the lower arrows mean.

a) \(1 \rightarrow \frac{1}{-1} \rightarrow 2\)  \\
b) \(2 \rightarrow \frac{-1}{+1} \rightarrow 1\)  \\
c) \(2 \rightarrow \frac{-2}{+2} \rightarrow 0\)  \\
d) \(0 \rightarrow \frac{2}{-2} \rightarrow 2\)

4. Which number has been covered up?

\[
\begin{align*}
0 + 2 &= \_ \\
2 - \_ &= 1 \\
1 + 1 &= \_ \\
\_ - 1 &= 1
\end{align*}
\]

\[
\begin{align*}
\_ &= 2 \\
\_ &= 1 \\
\_ &= 2 \\
\_ &= 2
\end{align*}
\]

5. Which number makes each statement true?

a) \(2 + 0 = \_ + 2\)  \\
b) \(0 + 1 = \_ - 1\)

\[
\begin{align*}
2 + 0 &= 0 + 2 \\
0 + 1 &= 2 - 1
\end{align*}
\]
1. Write the missing numbers in the boxes.

\[ \begin{array}{c}
1 + 1 \rightarrow 2 + 0 \rightarrow 2 - 2 \rightarrow 0 - 0 \rightarrow 0 + 1 \rightarrow 1 - 0 \rightarrow 1 \\
\end{array} \]

2. Write the correct sign in each box.

\[ \begin{array}{c}
2 - 1 < 1 + 1 \\
2 - 2 = 1 - 1 \\
0 + 2 = 1 + 1 \\
2 - 0 > 1 + 0 \\
\end{array} \]

3. Write the correct number in each box.

a) \( 1 + 1 < \) \( 2 + \) \(1\text{ or }2\)  
b) \( 0 + 1 = \) \(2 - 1\)

c) \( 2 - 2 < \) \( 0 + \) \(1\text{ or }2\)  
d) \( 2 - 0 > \) \( 2 - \) \(1\text{ or }2\)

4. Which numbers might be covered up?

a)
\[ \begin{array}{c}
1 + \hspace{1cm} 1 + 0 \\
\end{array} \]

b) 
\[ \begin{array}{c}
- 1 \hspace{1cm} 1 + 1 \\
\end{array} \]