

Proportions

Name: _____

Directions: Solve each problem below rounding to the nearest tenth. Follow the directions on the back for completing the maze.

1

$$\frac{x}{12} = \frac{11}{6}$$

2

$$\frac{8}{v} = \frac{7}{3}$$

3

$$\frac{n}{12} = \frac{12}{16}$$

4

$$\frac{12}{5} = \frac{x}{7}$$

5

$$\frac{17}{18} = \frac{19}{x}$$

6

$$\frac{2}{n} = \frac{20}{3}$$

7

$$\frac{x}{7} = \frac{2}{3}$$

8

$$\frac{17}{2} = \frac{v}{6}$$

9

$$\frac{k}{4} = \frac{16}{3}$$

10

$$\frac{6}{7} = \frac{18}{x}$$

11

$$\frac{x}{15} = \frac{18}{2}$$

12

$$\frac{11}{4} = \frac{x}{3}$$

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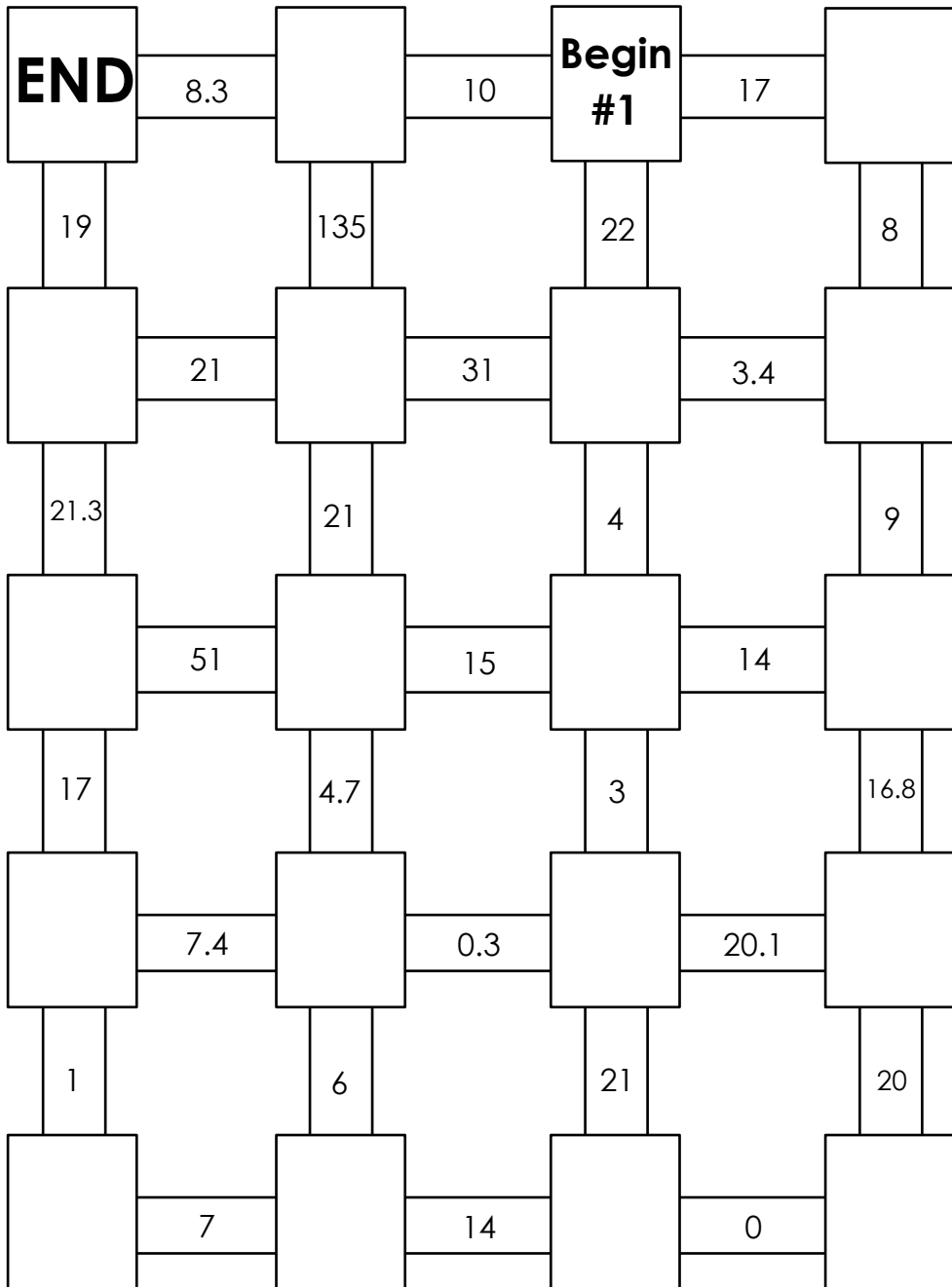
11

$$\frac{x}{15} = \frac{18}{2}$$

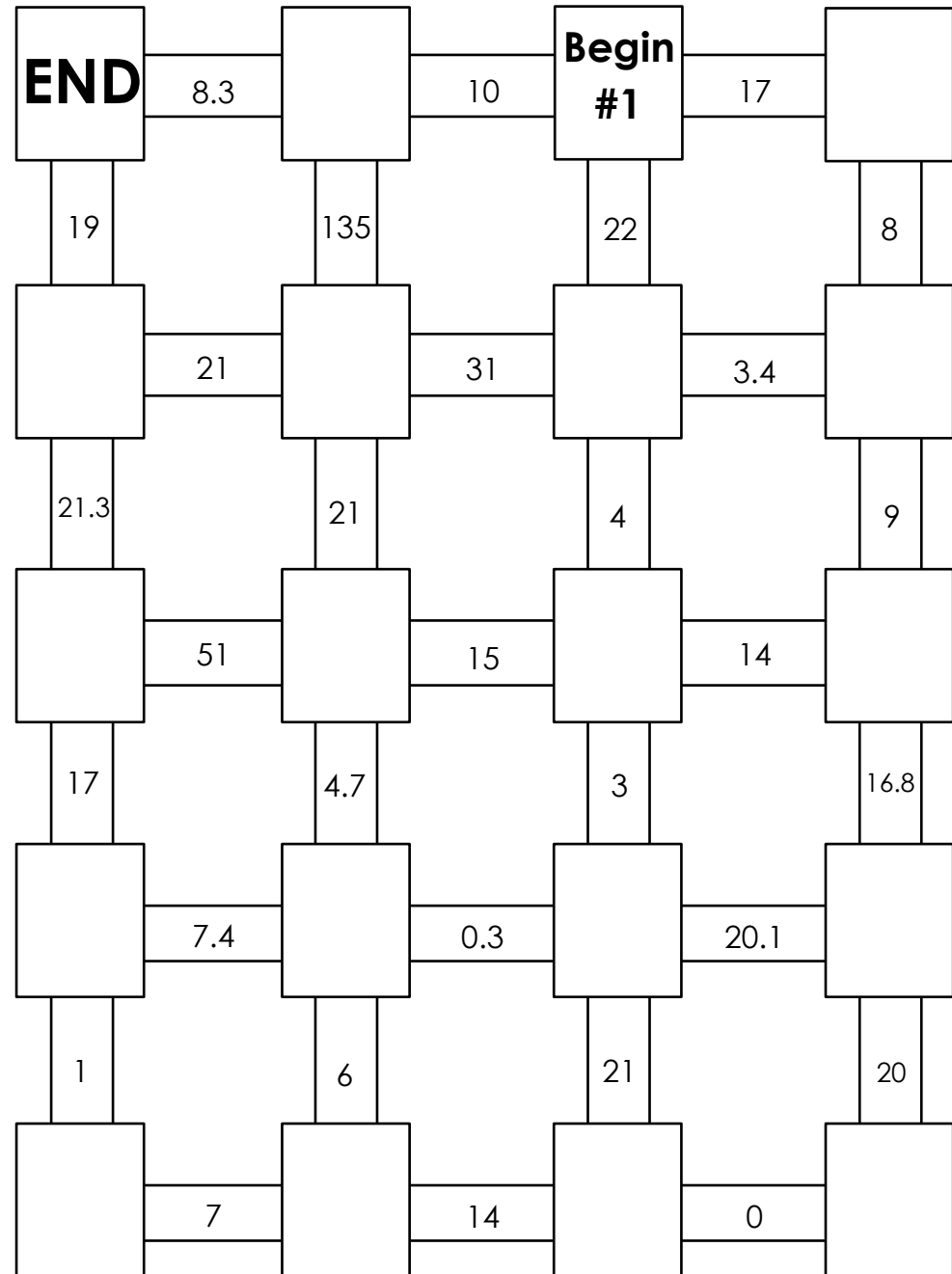
12

$$\frac{11}{4} = \frac{x}{3}$$

Start in the box labeled "Begin #1". Once you solve problem #1, find the answer in the paths leading from this box. This path will take you to the next box, and you must write problem "#2" in the next box. Continue the maze until you reach the "End" box.



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Proportions

Name: _____

Directions: Solve each problem below rounding to the nearest tenth. Find your answer & its assigned color below. Match it with the problem number in order to complete the coloring sheet.

1

$$\frac{16}{18} = \frac{3}{n}$$

2

$$\frac{9}{p} = \frac{3}{16}$$

3

$$\frac{k}{15} = \frac{7}{3}$$

4

$$\frac{16}{17} = \frac{x}{9}$$

5

$$\frac{3}{11} = \frac{r}{16}$$

6

$$\frac{x}{6} = \frac{7}{17}$$

7

$$\frac{5}{a} = \frac{16}{18}$$

8

$$\frac{x}{5} = \frac{6}{3}$$

9

$$\frac{x}{13} = \frac{13}{18}$$

AnswerAssigned ColorProblem #

35

Sky Blue

10

Yellow

3.4

Black

4.4

Green

2.5

Black

5.6

Orange

9.4

Green

8.5

Purple

48

Yellow-Green

Proportions

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$$\frac{16}{18} = \frac{3}{n}$$

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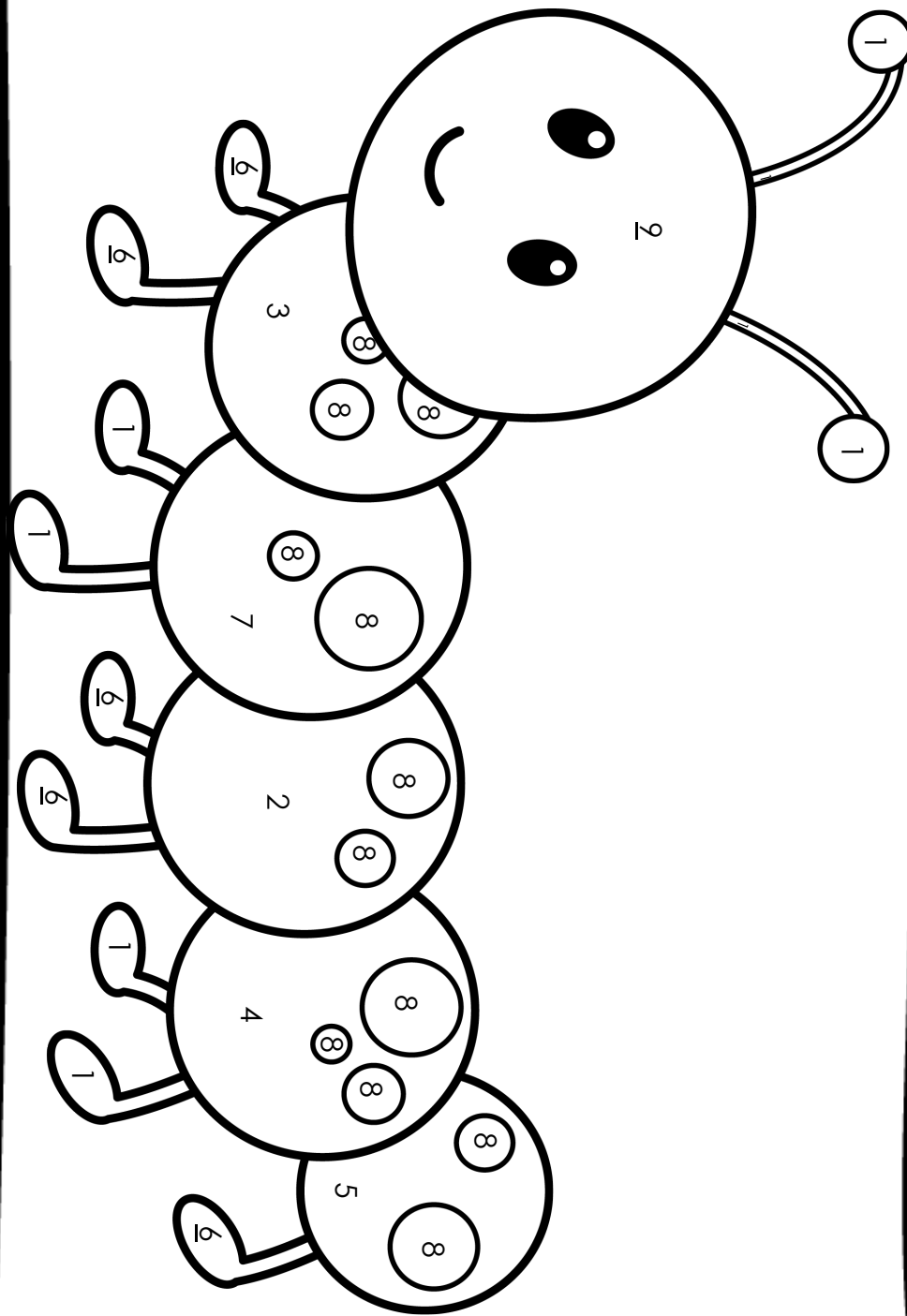
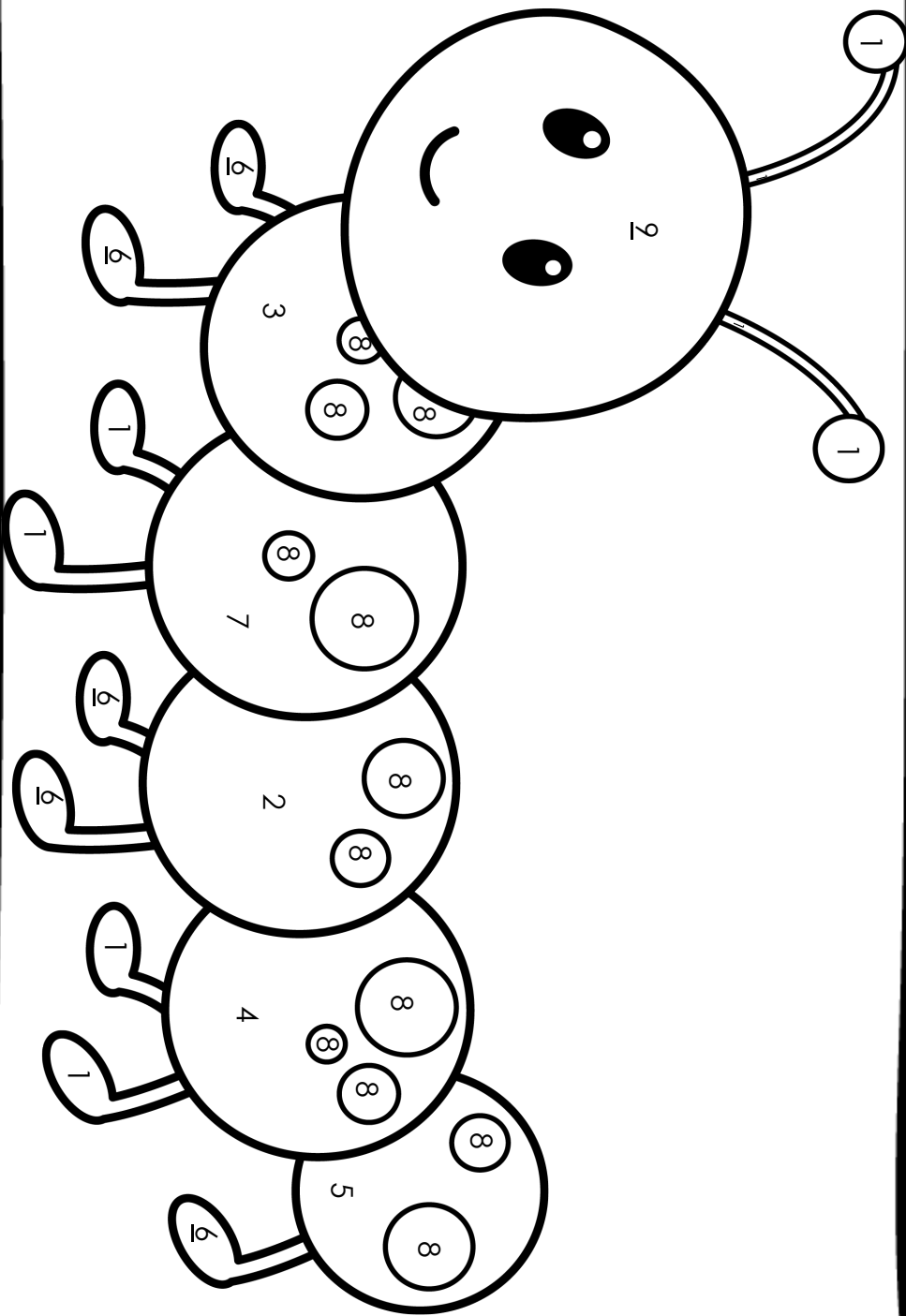
Green

8.5

Purple

48

Yellow-Green



Proportions

Directions: Solve each problem below rounding to the nearest tenth. Follow the directions on the back for completing the maze.

ANSWER KEY

1 $\frac{x}{12} = \frac{11}{6}$ 22	2 $\frac{8}{v} = \frac{7}{3}$ 3.4	3 $\frac{n}{12} = \frac{12}{16}$ 9
4 $\frac{12}{5} = \frac{x}{7}$ 16.8	5 $\frac{17}{18} = \frac{19}{x}$ 20.1	6 $\frac{2}{n} = \frac{20}{3}$ 0.3
7 $\frac{x}{7} = \frac{2}{3}$ 4.7	8 $\frac{17}{2} = \frac{v}{6}$ 51	9 $\frac{k}{4} = \frac{16}{3}$ 21.3
10 $\frac{6}{7} = \frac{18}{x}$ 21	11 $\frac{x}{15} = \frac{18}{2}$ 135	12 $\frac{11}{4} = \frac{x}{3}$ 8.3

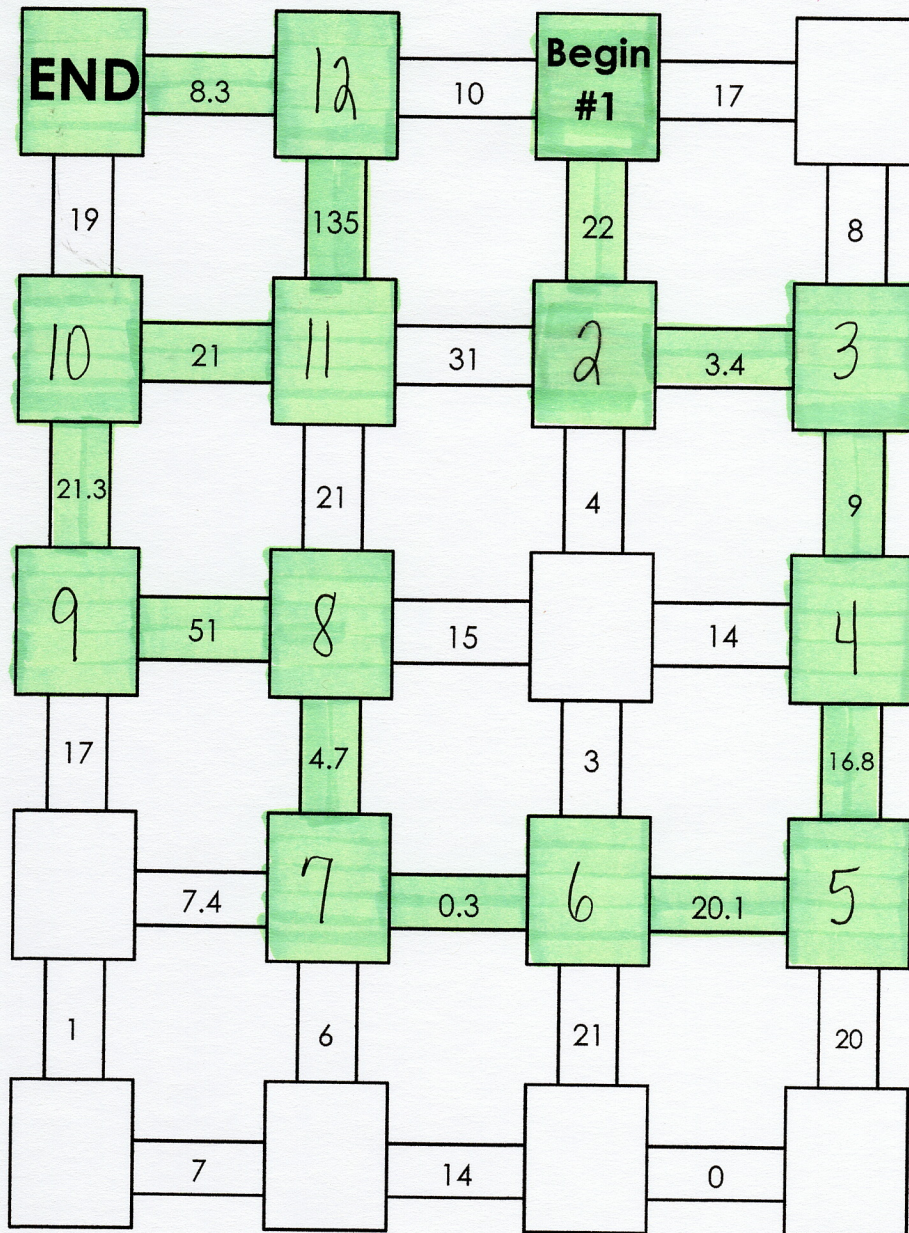
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Proportions

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Directions: Solve each problem below rounding to the nearest tenth. Find your answer & its assigned color below. Match it with the problem number in order to complete the coloring sheet.

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4 $\frac{16}{17} = \frac{x}{9}$ 8.5	5 $\frac{3}{11} = \frac{r}{16}$ 4.4	6 $\frac{x}{6} = \frac{7}{17}$ 2.5
7 $\frac{5}{a} = \frac{16}{18}$ 5.6	8 $\frac{x}{5} = \frac{6}{3}$ 10	9 $\frac{x}{13} = \frac{13}{18}$ 9.4

Answer

Assigned Color

Problem #

35	Sky Blue	<u>3</u>
10	Yellow	<u>8</u>
3.4	Black	<u>1</u>
4.4	Green	<u>5</u>
2.5	Black	<u>6</u>
5.6	Orange	<u>7</u>
9.4	Green	<u>9</u>
8.5	Purple	<u>4</u>
48	Yellow-Green	<u>2</u>

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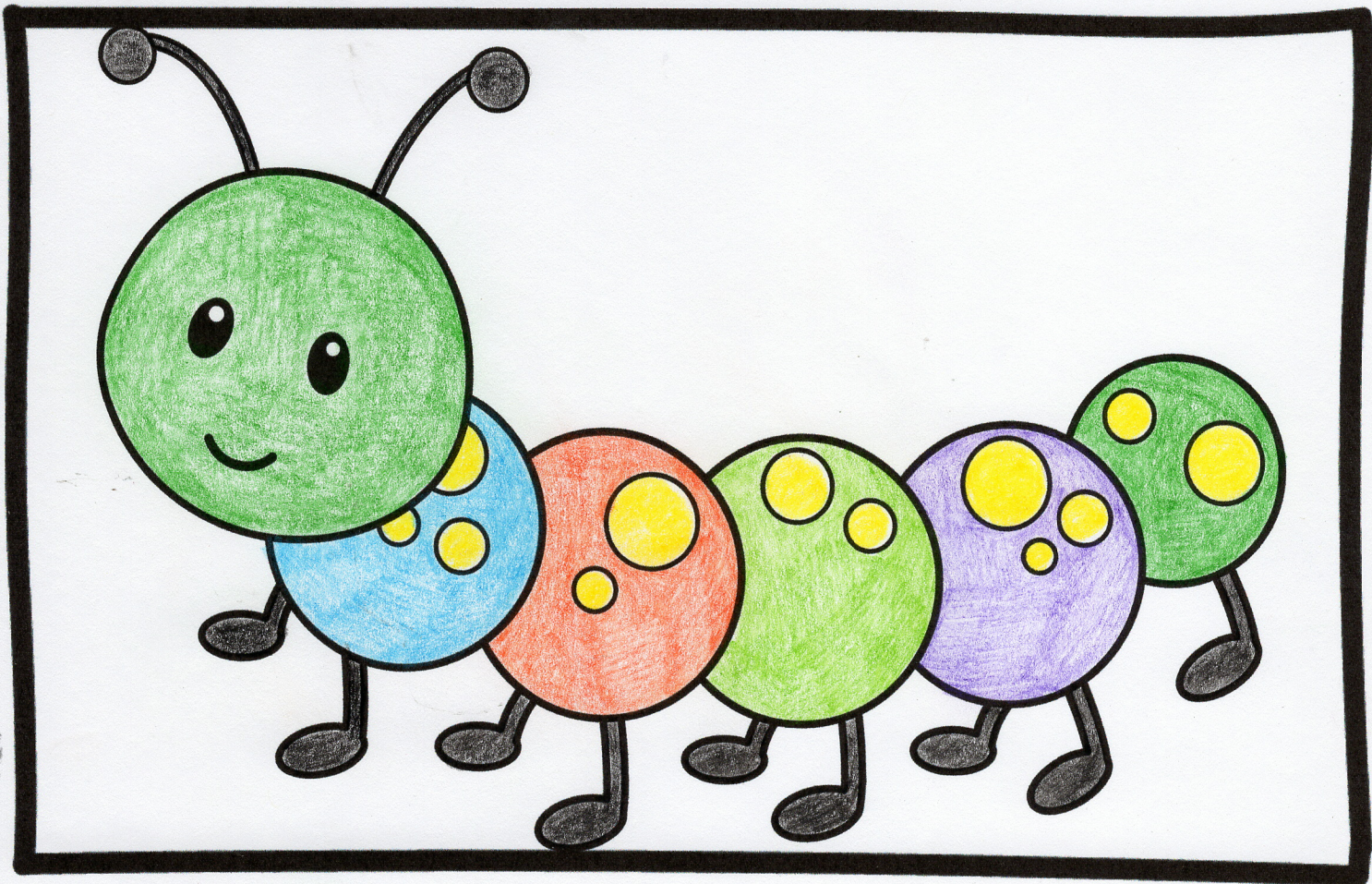
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48	Yellow-Green	<u>2</u>





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