

# 3. Make a Match! (Trains and Numbers)


- COUNT BY ONES TO 20
- MATCH QUANTITIES WITH NUMBERS
- PLACE VALUE

**TEACHER NEEDS:**

20 single blocks  
2 small holders

**STUDENT NEEDS:**

worksheets

 20 minutes

**GROUP ACTIVITY:**

1. Write the numbers 11-20 on the board.
2. Make a train of 12.
3. Ask a volunteer to count the blocks in the train.
4. Ask the volunteer to point to the number on the board for that train. If necessary, prompt by asking, "How many full cars? How many leftover blocks in the last car?"
5. Repeat with several other teen numbers.
6. Explain the worksheets.

**INDEPENDENT WORK:**

1. On their worksheets, students count the blocks in a train.
2. Students draw a line from that train to the matching number in the right-hand column.
3. Repeat for each train.

**Assessment:**

**DOES THE STUDENT:**

- count the number of blocks correctly
- identify the written numbers correctly

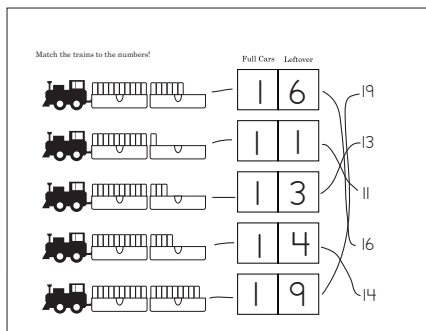
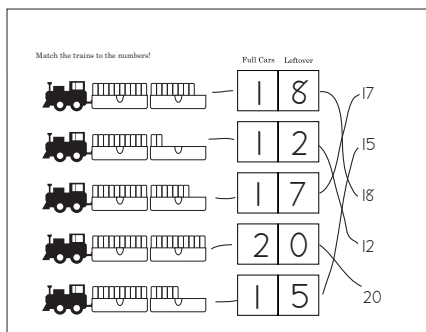
**Differentiation:**

**REINFORCEMENT:**

- For each picture, students build the given train and count the blocks in the train.
- Students count each train and write the number of blocks next to the train, then draw lines to the corresponding numbers in the right-hand column.

**EXTENSION:**

- Challenge students to say the number of blocks in each train without counting them. Challenge them to recognize by sight the appearance of different numbers of blocks in the last car of leftovers. Use the half oval to recognize five, one space remaining to recognize nine, etc.



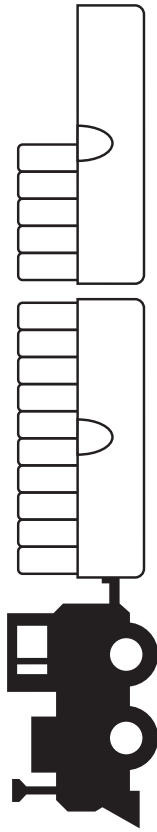
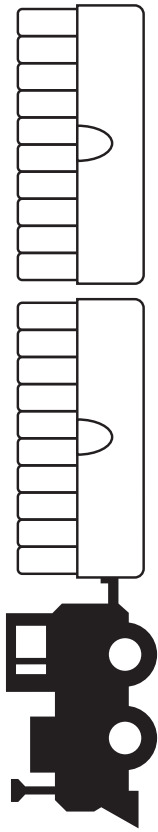
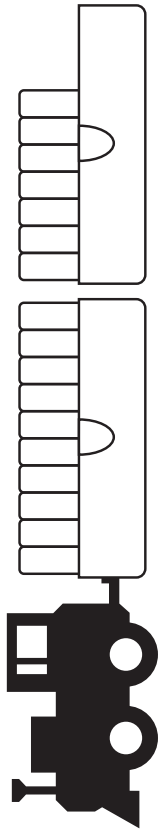
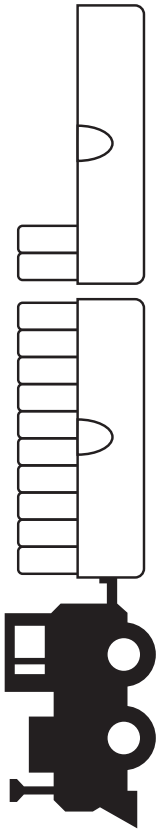
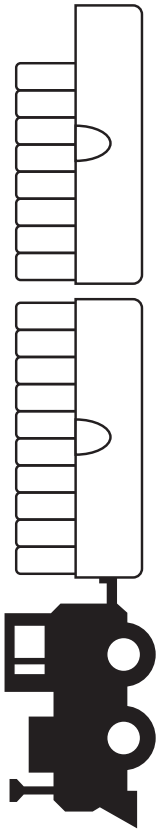
**HELPFUL HINT:**

Before beginning the worksheet, have students read the numbers in the right-hand column out loud to make sure they know the correct names of the numbers.

Remember a full car equals 10 blocks.

Name: \_\_\_\_\_

Match the trains to the numbers!



Full Cars    Leftover

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17

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15

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18

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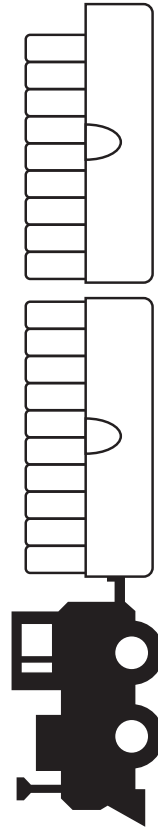
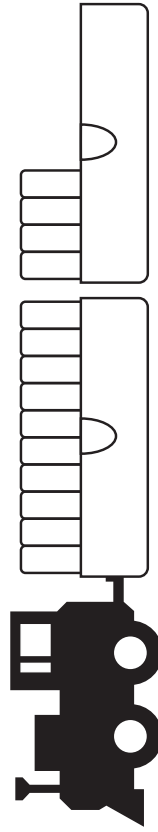
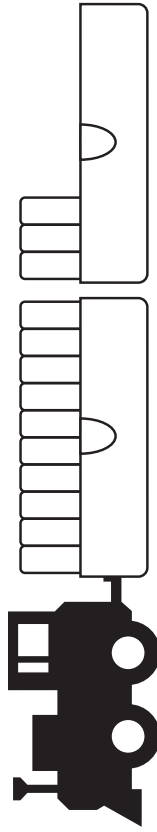
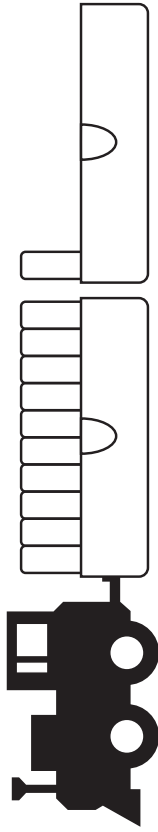
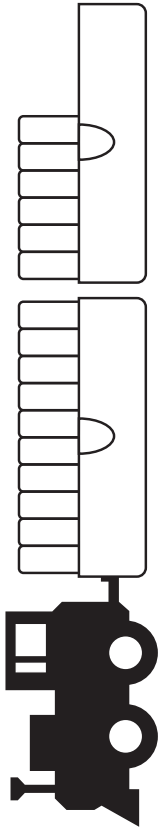
12

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20

Name: \_\_\_\_\_

Match the trains to the numbers!



Full Cars      Leftover

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19

13

11

16

14