

WORKSHEET 1: DRAWING BAR MODELS AND WRITING NUMBER SENTENCES

Name: _____ Date: _____

Part 1: Complete the Bar Model and Number Sentence

For each question: 1) Draw the bar model. 2) Write the number sentence. 3) Solve.

Example:

Tom has 7 apples. He gets 5 more apples. How many apples does he have now?

Bar model:

[7] [5]

[?]

Number sentence: $7 + 5 = 12$

Answer: 12 apples

1) There are 9 birds on a tree. 6 more birds fly in. How many birds are there now?

Bar model:

Number sentence: _____

Answer: _____

2) Mia has 12 stickers. She buys 8 more stickers. How many stickers does she have now?

Bar model:

Number sentence: _____

Answer: _____

3) There are 14 cookies on a plate. Sam eats 6 cookies. How many cookies are left?

Bar model:

Number sentence: _____

Answer: _____

4) A book has 18 pages. Lily reads 9 pages. How many pages are left to read?

Bar model:

Number sentence: _____

Answer: _____

WORKSHEET 2: MATCHING WORD PROBLEMS, BAR MODELS AND NUMBER SENTENCES

Name: _____ Date: _____

Part 1: Match the Word Problem to the Bar Model

A) There are 8 red balls and 7 blue balls. How many balls are there altogether?	1) [8] [7] [?]
B) There are 15 pencils. 6 pencils are broken. How many pencils are not broken?	2) [10] [9] [?]
C) There are 10 dogs and 9 cats. How many animals are there altogether?	3) [15] [6] [?]

Match: A → ____ B → ____ C → ____

Part 2: Write the Number Sentence

For each bar model, write the number sentence and solve.

1) [9] [6]
[?]

Number sentence: _____

Answer: _____

2) [14]
[5] [?]

Number sentence: _____

Answer: _____

3) [12] [8]
[?]

Number sentence: _____

Answer: _____

4) [17]
[9] [?]

Number sentence: _____

Answer: _____

5) Create your own word problem, bar model and number sentence.

Word problem: _____

Bar model:

Number sentence: _____

Answer: _____

WORKSHEET 3: REASONING AND MULTI-STEP PROBLEMS

Name: _____ Date: _____

Part 1: Explain the Bar Model

- 1) Look at this bar model:

[8] [7]

[?]

- a) What kind of problem does this show? (Addition or subtraction?)

- b) Write a word problem that matches this bar model.

- c) Write the number sentence and solve. Number sentence: _____

Answer: _____

- 2) Look at this bar model:

[15]

[6] [?]

- a) What kind of problem does this show? (Addition or subtraction?)

- b) Write a word problem that matches this bar model.

- c) Write the number sentence and solve. Number sentence: _____

Answer: _____

Part 2: Two-Step Word Problems

- 3) There are 12 fish in a tank. 5 fish are moved to another tank. Then 7 more fish are added to the first tank. How many fish are in the first tank now?

Bar model (you may use two steps if you like):

Number sentence(s): _____

Answer: _____