

Addition and Subtraction Within 100

Name: _____ Date: _____

This sheet gives you practice with addition and subtraction within 100 ([Outcome](#)). You will use number facts, strategies for two-digit numbers, and inverse operations to check your work ([Knowledge](#), [Skills](#)).

Exercises

1. Fact Families

Fill in the missing sums and differences.

Addition fact	Sum	Related subtraction fact	Difference
$7 + 3 =$	_____	$10 - 3 =$	_____
$6 + 4 =$	_____	$10 - 4 =$	_____
$8 + 2 =$	_____	$10 - 2 =$	_____
$5 + 5 =$	_____	$10 - 5 =$	_____

2. Two-Digit Addition

Find each sum. Use a strategy like making a ten or using doubles.

$$34 + 22 = \underline{\hspace{2cm}}$$

$$45 + 38 = \underline{\hspace{2cm}}$$

$$27 + 19 = \underline{\hspace{2cm}}$$

$$53 + 29 = \underline{\hspace{2cm}}$$

3. Two-Digit Subtraction

Find each difference.

$$100 - 45 = \underline{\hspace{2cm}}$$

$$78 - 29 = \underline{\hspace{2cm}}$$

$$90 - 36 = \underline{\hspace{2cm}}$$

$$64 - 18 = \underline{\hspace{2cm}}$$

4. Find the Missing Number

Write the missing number in each blank.

$$7 + \underline{\hspace{2cm}} = 15$$

$$\underline{\hspace{2cm}} - 9 = 6$$

$$23 + \underline{\hspace{2cm}} = 50$$

$$\underline{\hspace{2cm}} - 17 = 33$$

5. Composing Sums

a) Write two different ways to make 60 using two addends.

$$\underline{\quad\quad} + \underline{\quad\quad} = 60$$

$$\underline{\quad\quad} + \underline{\quad\quad} = 60$$

b) Add these three numbers in the order given.

$$10 + 20 + 30 = \underline{\quad\quad}$$

c) Now add the same three numbers in a different order.

$$30 + 10 + 20 = \underline{\quad\quad}$$

d) What do you notice about the two sums in b and c? $\underline{\quad\quad\quad\quad\quad\quad}$

6. Word Problems

a) Sara has 48 stickers. She gets 25 more stickers. How many stickers does she have now?

b) A ribbon is 90 cm long. Mom cuts off 34 cm. How long is the ribbon now?

c) Which addition sentence checks that $73 - 25 = 48$?

A) $48 + 25 = 73$

B) $73 + 48 = 121$

C) $25 - 48 = 73$

D) $73 - 73 = 0$

Answer key

1. $7+3=10$, $10-3=7$; $6+4=10$, $10-4=6$; $8+2=10$, $10-2=8$; $5+5=10$, $10-5=5$

2. 56; 83; 46; 82

3. 55; 49; 54; 46

4. 8; 15; 27; 50

5. a) any two pairs summing to 60 (example: $20+40$, $10+50$); b) 60; c) 60; d) The sum is the same both times.

6. a) 73 stickers; b) 56 cm; c) A