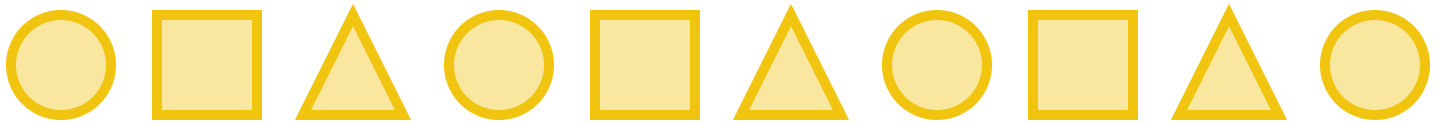


TANG MATH

Brain Builder

2025-2026



Unit 1

Tune Up

Lessons 1 – 15

LEVEL

B

- 1. Place Value to 20**
- 2. Place Value to 100**
- 3. Subitize to 100**
- 4. Shift 10 with Base 10 Discs**
- 5. Shift 10 with Number Bonds**

- 6. Add using the Make 10 Strategy**
- 7. Add using the Make 20 Strategy**
- 8. Add using the Make 10s Strategy**
- 9. Add 3 Single-Digit Numbers**

- 10. Subtract using the Make 10 Strategy with Ten Frames**
- 11. Subtract using the Make 10 Strategy with Number Bonds & Equations**
- 12. Subtract Multiples of 10**

- 13. Add-To Result-Unknown Word Problems**
- 14. Take-From Result-Unknown Word Problems**
- 15. Compare Difference-Unknown Word Problems**

Name: _____

NUMBERz MAzE

Find your way from the top of the maze to the bottom.

Circle the numbers, names, and nicknames that are **between 10 and 20**.

9 ten 1	forty	51	6 ten 1	1 ten 9
eight	twenty	4 ten 1	fourteen	17
sixty	twelve	11	1 ten 8	71
21	17	ninety	eighty	61
8 ten 1	thirteen	1 ten 6	fifteen	fifty
81	2 ten 1	6 ten 1	1 ten 4	91

Name: _____

NICKNAMES MATCH

Draw lines to connect the nickname on the left and the name on the right with the matching number in the center.

7 ten 3



• 68 •



sixty-eight

6 ten 8



• 73 •



eighty-five

3 ten 7



• 85 •



seventy-three

8 ten 5



• 37 •



fifty-eight

5 ten 8



• 58 •

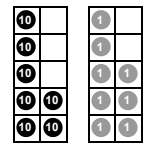


thirty-seven

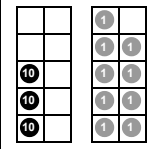
Name: _____

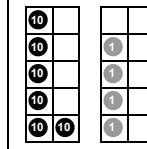
NUMTANGA

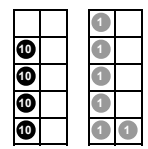
In each empty box, write the matching value between adjacent cards.

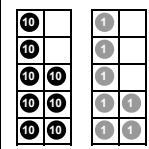
87	$60+4$
	forty nine

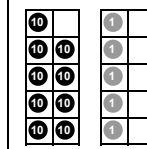
78

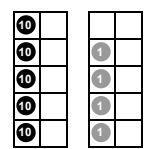
95	$70+8$
	fifty six

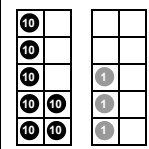
73	$90+7$
	thirty nine

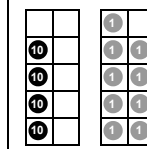
64	$60+8$
	ninety five

56	$70+3$
	forty six

83	$80+7$
	ninety seven

68	$30+9$
	eighty seven

49	$90+5$
	fifty four

39	$40+6$
	eighty three

Name: _____

FUNNY NUMBERS MATCH

Draw lines to correctly match each number name on the left and “funny number” on the right with a number in the center.

forty-two ●	● 67 ●	● fifty-seventeen
sixty-seven ●	● 42 ●	● eighty-thirteen
thirty ●	● 93 ●	● thirty-twelve
ninety-three ●	● 30 ●	● fifty-eleven
sixty-one ●	● 61 ●	● twenty-ten

Name: _____

SHIFTING CHALLENGE

Fill the missing numbers to correctly complete the table below.

Number	Expanded Form		Shift 10	
34	30	4	20	14
68				
79				
21				
	40	6		
	90	9		
			20	12
			40	14

Name: _____

SQUARE

In each puzzle, fill the white squares with the numbers from **4-9**, so the gray squares equal the **sum** of each row and column.

5		14
		15
12	17	

		13
6		13
15	11	

8		13
		10
12	11	

		15
	9	15
14	16	

Name: _____

DIGIT DETECTIVE - A

To solve the puzzle, here's what to do. Cross off the numbers that fit each clue.
With clever sleuth-work, when you're done, you'll be left with only one!

Greater than $18 + 9$	$17 + 6$	Less than $14 + 7$
Days in 2 weeks + 8 days	Value of 3 nickels + 6 pennies	

What number am I?

28	23	20	
21	18	32	22
17	24	29	

Name: _____

MAZE - A

Find your way from the top of the maze to the bottom.
Circle the equation if it is **TRUE**.

$34 + 8 = 52$	$55 + 8 = 73$	$86 + 6 = 91$	$65 + 8 = 73$	$16 + 8 = 34$
$88 + 6 = 93$	$44 + 8 = 52$	$32 + 9 = 41$	$78 + 4 = 82$	$38 + 5 = 42$
$45 + 7 = 51$	$85 + 6 = 91$	$68 + 4 = 82$	$65 + 8 = 72$	$46 + 6 = 51$
$77 + 6 = 93$	$28 + 9 = 37$	$87 + 8 = 95$	$35 + 6 = 51$	$66 + 8 = 73$
$22 + 9 = 41$	$34 + 7 = 51$	$44 + 7 = 51$	$39 + 8 = 47$	$60 + 9 = 68$
$75 + 6 = 91$	$16 + 7 = 33$	$27 + 7 = 33$	$26 + 8 = 34$	$45 + 8 = 52$

Name: _____

MATCHING

Draw lines from each expression on the left to the matching equation on the right.
Fill the blanks with the correct numbers.

$6 + 3 + 4$

•

$9 + \underline{\quad} = 14$

$2 + 7 + 5$

•

$\underline{10} + 3 = 13$

$9 + 2 + 1$

•

$10 + \underline{\quad} = 18$

$7 + 3 + 8$

•

$\underline{\quad} + 2 = 12$

$4 + 9 + 2$

•

$\underline{\quad} + 2 = \underline{\quad}$

Name: _____

MAZE - B

Find your way from the top of the maze to the bottom.
Circle the equation if it is **TRUE**.

$12 - 5 = 7$	$15 - 9 = 5$	$13 - 5 = 7$	$18 - 5 = 12$	$17 - 8 = 8$
$17 - 9 = 8$	$15 - 7 = 8$	$14 - 6 = 7$	$16 - 7 = 8$	$12 - 5 = 6$
$18 - 9 = 8$	$18 - 9 = 9$	$14 - 5 = 9$	$16 - 8 = 8$	$14 - 9 = 5$
$15 - 5 = 9$	$12 - 5 = 6$	$12 - 7 = 4$	$19 - 9 = 9$	$11 - 5 = 6$
$13 - 5 = 7$	$18 - 9 = 8$	$13 - 6 = 7$	$17 - 9 = 8$	$13 - 5 = 8$
$14 - 5 = 8$	$17 - 8 = 8$	$16 - 8 = 8$	$12 - 9 = 2$	$15 - 9 = 5$

Name: _____

MAZE - C

Find your way from the top of the maze to the bottom.

Circle the equation if it is **TRUE**.

$17 - 7 = 9$	$15 - 9 = 5$	$18 - 5 = 12$	$12 - 9 = 2$	$13 - 6 = 7$
$12 - 7 = 4$	$16 - 8 = 9$	$12 - 5 = 6$	$17 - 5 = 12$	$16 - 8 = 8$
$18 - 9 = 8$	$17 - 9 = 8$	$11 - 9 = 2$	$13 - 5 = 8$	$15 - 6 = 8$
$15 - 5 = 9$	$15 - 7 = 8$	$14 - 6 = 7$	$12 - 9 = 2$	$11 - 9 = 1$
$13 - 5 = 7$	$14 - 5 = 9$	$11 - 7 = 4$	$16 - 8 = 8$	$16 - 8 = 9$
$14 - 5 = 8$	$17 - 8 = 8$	$12 - 9 = 2$	$14 - 9 = 5$	$12 - 9 = 4$

Name: _____

DIGIT DETECTIVE - B

To solve the puzzle, here's what to do. Cross off the numbers that fit each clue.
With clever sleuth-work, when you're done, you'll be left with only one!

Greater than $100 - 30$	Cents in 8 dimes minus 2 dimes	Less than $60 - 20$
$90 - 50 + 30$	$70 - 40 + 10$	

What number am I?

20	60	80	
100	70	30	50
40	90	10	

Name: _____

FILL IN THE BLANK - A

Use the numbers from the number bank to correctly fill the blanks in each table and word problem.

Number bank:

4 13

Total

9	
Start	More

There were 9 ducks on the pond. ____ more ducks joined them.

Now there are ____ ducks on the pond.

Number bank:

5 16

Total

11	
Start	More

James had 11 cards. Sarah gave him ____ more cards. Now James

has ____ cards.

Name: _____

FILL IN THE BLANK - B

Use the numbers from the number bank to correctly fill the blanks in each table and word problem.

Number bank:

18 6

total	
12	
went away	now

There were ___ dogs at the park. 12 of them went away. Now there are ___ dogs at the park.

Number bank:

13 17

total	
4	
gave	now

Pam had ___ pencils. She gave Sam 4 of them. Now Pam has ___ pencils.

Name: _____

MEASURE UP! - F

Use the hints at the top to complete the table at the bottom.

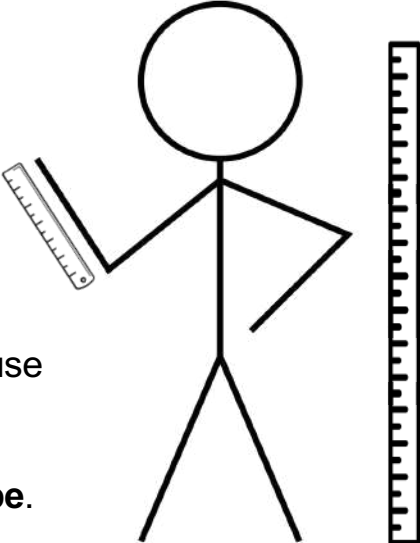


Helpful Hints:

If the object is shorter than the length of your arm (from elbow to fingertips), use a **ruler**.

If the object is shorter than your height, use a **yardstick** or **meter stick**.

For longer objects, use a **measuring tape**.



List at least 3 things in your classroom, school, or home, you would measure with a:

Ruler:	Yardstick or Meter Stick:	Measuring Tape