

Part A: Speed Round — Add Within 20

Solve each problem as quickly as you can. Show your strategy if needed.

$8 + 7 = \underline{\quad}$

$9 + 6 = \underline{\quad}$

$5 + 8 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$6 + 9 = \underline{\quad}$

$8 + 4 = \underline{\quad}$

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

$7 + 5 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$8 + 5 = \underline{\quad}$

$9 + 3 = \underline{\quad}$

$7 + 8 = \underline{\quad}$

Part B: Subtract Within 20

$15 - 8 = \underline{\quad}$

$13 - 7 = \underline{\quad}$

$16 - 9 = \underline{\quad}$

$14 - 6 = \underline{\quad}$

$17 - 8 = \underline{\quad}$

$12 - 5 = \underline{\quad}$

$18 - 9 = \underline{\quad}$

$11 - 4 = \underline{\quad}$

$15 - 7 = \underline{\quad}$

$13 - 6 = \underline{\quad}$

$16 - 8 = \underline{\quad}$

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

Challenge: Explain Your Strategy

Pick one problem from Part A. Explain how you solved it using doubles, making ten, or counting on.

Part C: Two-Digit Addition With Regrouping

$47 + 35 = \underline{\quad}$

Show your work:

$56 + 28 = \underline{\quad}$

Show your work:

$69 + 24 = \underline{\quad}$

Show your work:

$38 + 45 = \underline{\quad}$

Show your work:

$57 + 36 = \underline{\quad}$

Show your work:

$78 + 15 = \underline{\quad}$

Show your work:

Part D: Two-Digit Subtraction With Regrouping

$83 - 47 = \underline{\quad}$

Show your work:

$72 - 35 = \underline{\quad}$

Show your work:

$91 - 56 = \underline{\quad}$

Show your work:

$64 - 28 = \underline{\quad}$

Show your work:

$85 - 39 = \underline{\quad}$

Show your work:

$70 - 43 = \underline{\quad}$

Show your work:

Think About It!

For $83 - 47$: Can you solve it two different ways?

Try using a number line AND the standard algorithm.

Part A: Three-Digit Addition

Use the standard algorithm. Show all regrouping.

$346 + 275 = \underline{\hspace{2cm}}$

Work space:

$508 + 394 = \underline{\hspace{2cm}}$

Work space:

$627 + 185 = \underline{\hspace{2cm}}$

Work space:

$453 + 368 = \underline{\hspace{2cm}}$

Work space:

$749 + 183 = \underline{\hspace{2cm}}$

Work space:

$564 + 278 = \underline{\hspace{2cm}}$

Work space:

Part B: Explain Your Strategy

For $346 + 275$: Explain why you need to regroup and what happens to the ones, tens, and hundreds.

Word Problem Challenge

A school collected 467 cans in November and 358 cans in December.

How many cans did they collect in all? Show your work.

Part C: Subtract Within 1000

Use regrouping when needed. Show all your work.

$$523 - 178 = \underline{\hspace{2cm}}$$

Work space:

$$800 - 364 = \underline{\hspace{2cm}}$$

Work space:

$$615 - 247 = \underline{\hspace{2cm}}$$

Work space:

$$942 - 586 = \underline{\hspace{2cm}}$$

Work space:

$$701 - 453 = \underline{\hspace{2cm}}$$

Work space:

$$436 - 189 = \underline{\hspace{2cm}}$$

Work space:

Part D: Multi-Step Problem

The library had 856 books. They gave away 279 books at a book fair.
Then they received a donation of 145 new books.
How many books does the library have now? Show all steps.

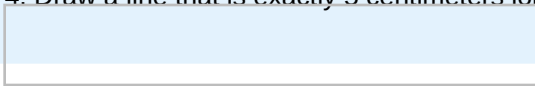
Check Your Work!

Use addition to check your subtraction: If $523 - 178 = \underline{\hspace{1cm}}$,
then $\underline{\hspace{1cm}} + 178$ should equal 523. Does it?

Part A: Measuring Length

Answer each question about measurement.

1. Your pencil is 7 inches long. Your crayon is 4 inches long.
How much longer is the pencil than the crayon? _____ inches
2. A ribbon is 36 inches long. You cut off 14 inches.
How long is the ribbon now? _____ inches
3. Sam measured his desk. It is 3 feet long.
How many inches is that? _____ inches (Hint: 1 foot = 12 inches)
4. Draw a line that is exactly 5 centimeters long in the box below.



Part B: Telling Time

1. School starts at 8:15. It is now 7:50.
How many minutes until school starts? _____ minutes
2. Lunch is at 12:00. Recess ends at 12:30.
How long is recess after lunch? _____ minutes
3. Draw clock hands showing 3:45.
Then write: quarter to ____

Part C: Counting Money

1. You have: 2 quarters, 3 dimes, and 4 pennies. Total = _____ cents

2. You have: 1 dollar bill, 1 quarter, 2 nickels. Total = \$_____

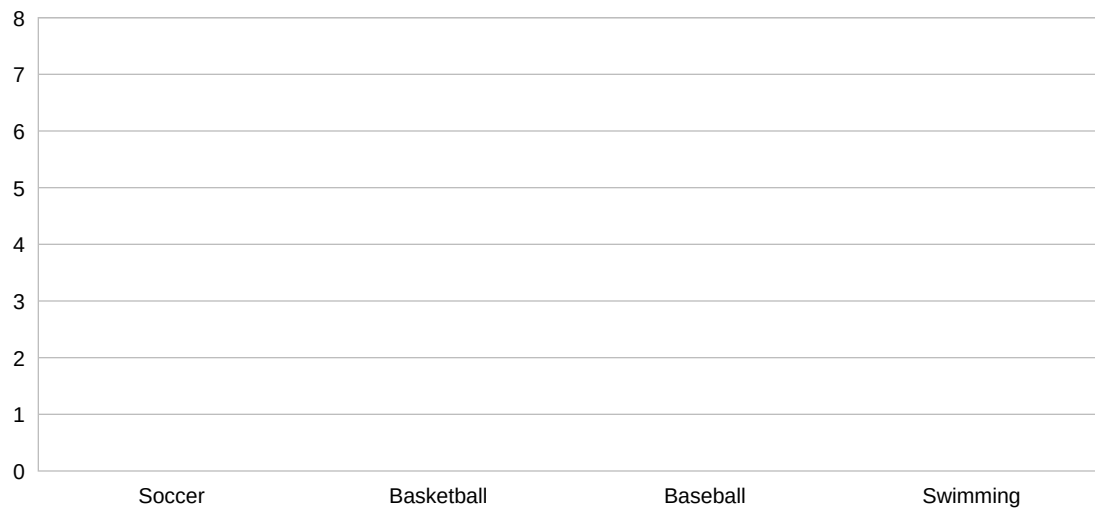
3. A toy costs 85 cents. You pay with \$1.00. Change = _____ cents

4. Which is more: 3 quarters or 8 dimes? _____ How do you know?

Part D: Create a Bar Graph

Use this data to create a bar graph:

Favorite Sport	Soccer	Basketball	Baseball	Swimming
# of Students	8	6	4	7



Questions about your graph:

1. Which sport is most popular? _____
2. How many more students chose soccer than baseball? _____
3. How many students were surveyed in all? _____

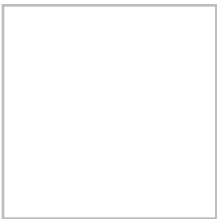
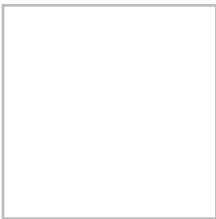
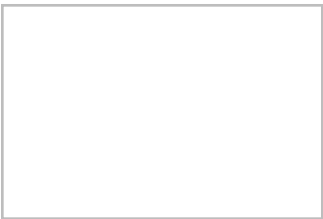
Part A: Shape Attributes

Fill in the table with the correct information.

Shape	# of Sides	# of Angles	Right Angles?
Triangle			
Square			
Rectangle			
Pentagon			
Hexagon			

Part B: Partition Shapes

Draw lines to partition each shape as described. Then shade the amount shown.



Rectangle into halves — shade one half Circle into thirds — shade one third Square into fourths — shade three fourths

Explain:
Is one-fourth of a circle bigger or smaller than one-third of the same circle? Explain how you know.

Part C: Show What You Know!

Solve each problem. Show all your work.

1. Place Value: Write 847 in expanded form: $\underline{\quad} + \underline{\quad} + \underline{\quad}$ 2.NBT.A.3

2. Compare: Use $<$, $>$, or $=$: 563 $\underline{\quad}$ 536 2.NBT.A.4

3. Add: $374 + 258 = \underline{\hspace{2cm}}$ (show work) 2.NBT.B.7

4. Subtract: $605 - 347 = \underline{\hspace{2cm}}$ (show work) 2.NBT.B.7

5. Word Problem: Emma read 48 pages on Monday and 35 pages on Tuesday.
How many pages did she read in all? $\underline{\hspace{2cm}}$ pages 2.OA.A.1

6. Arrays: Draw an array with 4 rows and 5 columns.
Write an equation: $\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$ 2.OA.C.4

Reflection Corner

What is one math skill you feel really proud of this year?
