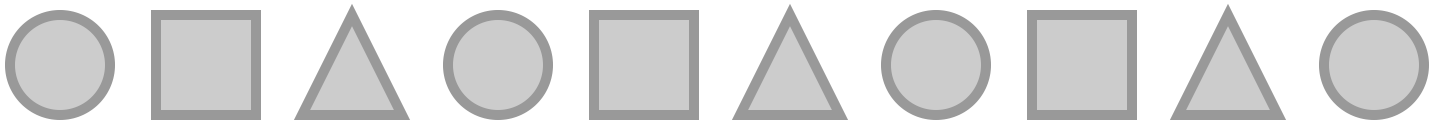


TANG MATH

Grade 4 Readiness



Intervention Module
Assessment 2

Grade 4 Readiness

Teacher Directions: Place a mark next to each incorrect question. Assign the lessons listed to the right of the checkbox.

| # | Source | Backfill Lessons |
|-----|---|--|
| 1. | <input type="checkbox"/> 3-26: Place Value to 10,000: Expanded Form* | 1-105, 2-76, 2-77, 3-26 |
| 2. | <input type="checkbox"/> 3-22: Place Value to 1,000: Rename Hundreds ... | 2-79, 2-80, 2-82, 3-22 |
| 3. | <input type="checkbox"/> 3-24: Rounding 3-Digit Numbers to the Neare... | 3-23, 3-24 |
| 4. | <input type="checkbox"/> 2-95: 3-Digit Addends: Shift 100 & 10 | 2-91, 2-92, 2-93, 2-94, 2-95 |
| 5. | <input type="checkbox"/> 2-106: 3-Digit Subtrahends: Shift 100 & 10 | 2-103, 2-104, 2-105, 2-106 |
| 6. | <input type="checkbox"/> 3-33: Multiply 2-5 Groups Fluently with Equati... | 2-17, 2-18, 2-20, 3-28, 3-29, 3-30, 3-31, 3-32, 3-33 |
| 7. | <input type="checkbox"/> 3-33: Multiply 2-5 Groups Fluently with Equati... | 2-17, 2-18, 2-20, 3-28, 3-29, 3-30, 3-31, 3-32, 3-33 |
| 8. | <input type="checkbox"/> 3-46: Multiply 6-10 Groups using Mental Math | 3-39, 3-40, 3-41, 3-42, 3-43, 3-44, 3-45, 3-46 |
| 9. | <input type="checkbox"/> 3-46: Multiply 6-10 Groups using Mental Math | 3-39, 3-40, 3-41, 3-42, 3-43, 3-44, 3-45, 3-46 |
| 10. | <input type="checkbox"/> 3-99: Multiply to find Area of Rectangles | 3-90, 3-91, 3-99 |
| 11. | <input type="checkbox"/> 3-108: Multiply to 100: Number Bonds | 3-106, 3-107, 3-108 |
| 12. | <input type="checkbox"/> 3-96: Divide-by-Grouping Partitioning Rectan... | 3-89, 3-93, 3-96 |
| 13. | <input type="checkbox"/> 3-59: Divide-by-Sharing Fluently | 1-102, 3-45, 3-57, 3-58 |
| 14. | <input type="checkbox"/> 3-59: Divide-by-Sharing Fluently | 1-102, 3-45, 3-57, 3-58 |
| 15. | <input type="checkbox"/> 3-71: Divide-by-Grouping Fluently | 1-103, 3-46, 3-69, 3-70 |
| 16. | <input type="checkbox"/> 3-112: Divide to 100 with Regrouping: Number ... | 3-109, 3-110, 3-111, 3-112 |
| 17. | <input type="checkbox"/> 3-17: 1-Step Word Problems to 1,000: Larger-... | 2-50, 2-51, 3-16, 3-17 |
| 18. | <input type="checkbox"/> 3-19: 2-Step Word Problems to 1,000: Join & S... | 1-69, 1-74, 2-63, 2-67, 3-19 |
| 19. | <input type="checkbox"/> 3-20: 2-Step Word Problems to 1,000: Differe... | 2-64, 2-65, 2-66, 2-68, 2-69, 2-70, 3-20 |
| 20. | <input type="checkbox"/> 3-34: Multiply 2-5 Groups: Equal Groups Story... | 3-34 |
| 21. | <input type="checkbox"/> 3-115: Multiply & Divide to 100 Perimeter & Are... | 3-35, 3-103, 3-115 |
| 22. | <input type="checkbox"/> 3-78: Fractions of Fractions | 3-75, 3-76, 3-77, 3-78 |
| 23. | <input type="checkbox"/> 3-82: Improper Fractions ($a/b \geq 1$) | 3-79, 3-80, 3-81, 3-82 |
| 24. | <input type="checkbox"/> 3-87: Compare Fractions with Equal Denomin... | 3-83, 3-84, 3-85, 3-86, 3-87 |
| 25. | <input type="checkbox"/> 3-122: Scaled Bar Graphs | 2-130, 2-131, 3-48, 3-49, 3-121, 3-122 |
| 26. | <input type="checkbox"/> 3-124: Line Plots to the nearest Halves & Four... | 2-128, 2-132, 3-123, 3-124 |
| 27. | <input type="checkbox"/> 3-125: Read & Write Time to the Nearest Minute | 1-130, 1-131, 2-125, 2-126, 3-125 |
| 28. | <input type="checkbox"/> 3-129: Elapsed Time Bridge the Hour: End-Tim... | 3-126, 3-129 |
| 29. | <input type="checkbox"/> 3-130: Elapsed Time Bridge the Hour: Elapsed... | 3-127, 3-128, 3-130 |
| 30. | <input type="checkbox"/> 3-135: Classify & Compare Shapes by Category | K-123, 2-134, 3-134, 3-135 |

Name: _____

TANG MATH

1.

5,927

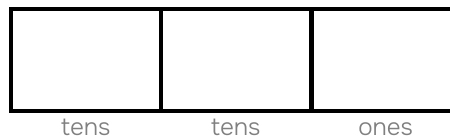
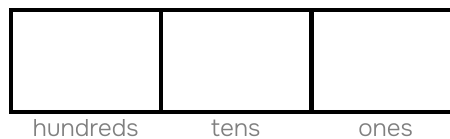
_____ quantity _____ quantity _____ quantity _____ quantity

_____ place value _____ place value _____ place value _____ place value

_____ digit value _____ digit value _____ digit value _____ digit value

2.

863



3.

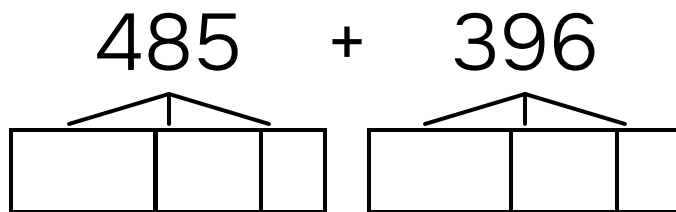
Round 961 to the nearest ten.

961 → _____

Name: _____

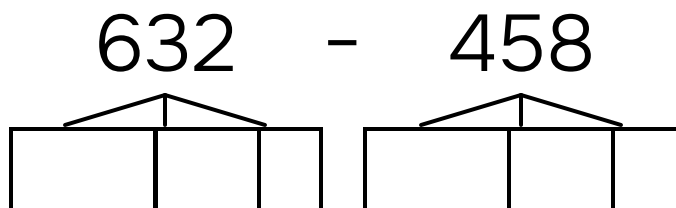
TANG MATH

4.



$$\begin{array}{r} \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \end{array}$$

5.



$$\begin{array}{r} \underline{\quad\quad\quad} - \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} - \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} - \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \\ \underline{\quad\quad\quad} = \underline{\quad\quad\quad} \end{array}$$

Name: _____

TANG MATH

6.

$$4 \times 4 = \underline{\quad}$$

7.

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

8.

$$7 \times 6 = \underline{\quad}$$

9.

$$9 \times 8 = \underline{\quad}$$

Name: _____

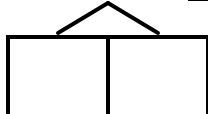
TANG MATH

10.

A rectangle has a length of 7 centimeters and a width of 7 centimeters.
What is the area?

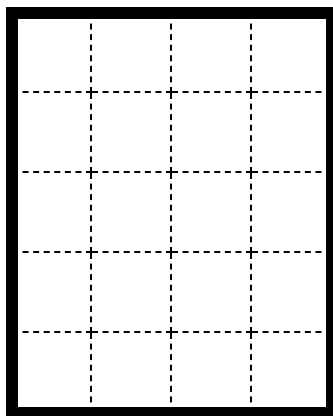
Area: _____ cm^2

11.

$$4 \times 21 = \underline{\hspace{2cm}}$$


12.

20 divided into groups of 5 is _____.



Outline groups of 5.

Name: _____

TANG MATH

13.

SOLVE BY SHARING

$$32 \div 4 = \underline{\quad}$$

14.

SOLVE BY SHARING

$$56 \div 8 = \underline{\quad}$$

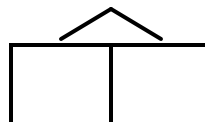
15.

SOLVE BY GROUPING

$$48 \div 8 = \underline{\quad}$$

16.

$$84 \div 7 = \underline{\quad}$$



Name: _____

17.

Henry finds 192 shells. Ben finds 127 more shells than Henry. How many shells did Ben find?

Ben found _____ shells.

18.

John plants 215 oak trees and 34 elm trees.
John cuts down 75 trees for lumber.
How many trees does John have left?

John has _____ trees left.

Name: _____

19.

Alice and Tate find 468 shells all together.

Tate finds 116 shells.

How many more shells did Alice find than Tate?

Alice finds _____ more shells than Tate.

20.

Troy has 3 shelves. Troy puts 7 books on each shelf. How many books does Troy have in all?

Troy has _____ books in all.

Name: _____

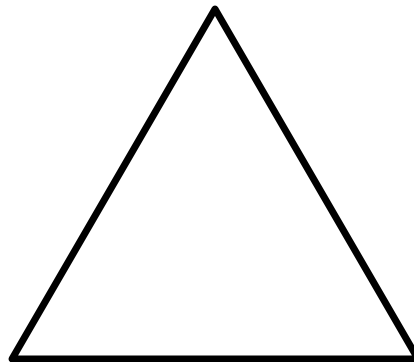
21.

The long side of a rectangle is 13 yd. The short side of the rectangle is 7 yd. What is the perimeter of the rectangle? What is the area of the rectangle?

- a The rectangle's perimeter is _____ yd.
b The rectangle's area is _____ sq yd.
-

22.

Partition the shape into **6 equal parts**.



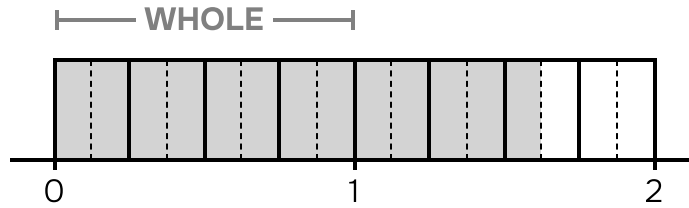
What is the name of each part?

half third fourth sixth eighth

Shape name: _____

Name: _____

23.



How many equal parts in 1? _____

How many parts are shaded? _____

What fraction is shaded? _____

24.

Use the **equal denominators** strategy.

$$\frac{7}{8} \quad \square \quad \frac{6}{8}$$

More shaded parts: $\frac{7}{8}$ = $\frac{6}{8}$

Bigger parts: $\frac{7}{8}$ = $\frac{6}{8}$

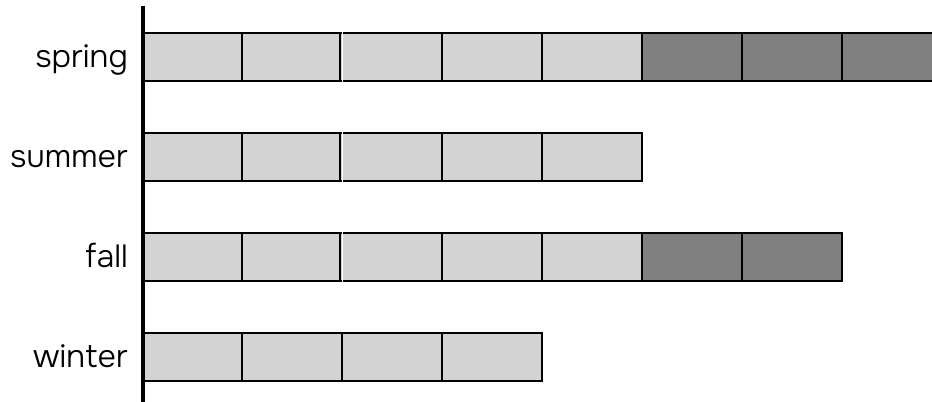
Name: _____

TANG MATH

25.

The model below represents the number of cookies that were baked by the school cafeteria during each season last year.

Each represents 12 cookies.



60 cookies were baked in which season?

a) spring b) summer c) fall d) winter

How many cookies were baked in fall?

How many cookies were baked in spring?

How many cookies were baked in all the seasons?

How many more cookies were baked in spring than summer?

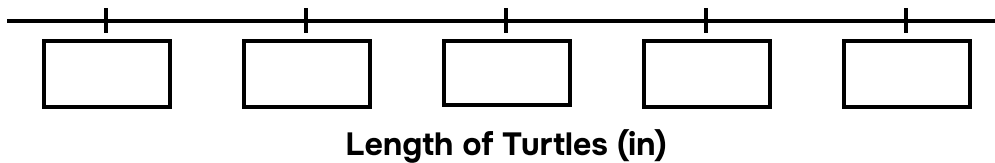
How many fewer cookies were baked in summer than fall?

Name: _____

26.

| | | | | | | |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| $8\frac{1}{2}$ in | $8\frac{3}{4}$ in | 9 in | $9\frac{1}{4}$ in | $9\frac{1}{2}$ in | 9 in | 9 in |
| $8\frac{3}{4}$ in | $9\frac{1}{4}$ in | $9\frac{1}{4}$ in | $9\frac{1}{4}$ in | 9 in | $8\frac{3}{4}$ in | $9\frac{1}{4}$ in |

Number of Turtles



How many turtles measure $9\frac{1}{2}$ in? _____

How many turtles measure $8\frac{3}{4}$ in? _____

How many more turtles measure $8\frac{3}{4}$ in than $9\frac{1}{2}$ in? _____

What is the total number of turtles? _____

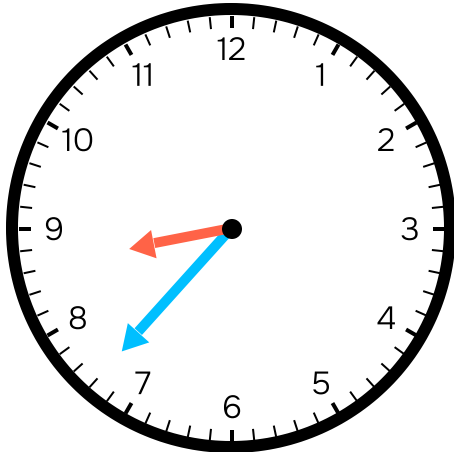
Which length was observed the most? _____ in

What is the shortest length observed? _____ in

What is the longest length observed? _____ in

Name: _____

27.



Hour hand is between: _____ & _____

Minutes after the hour: _____

What time is it? _____ : _____

28.

The start time is 2:47. The elapsed time is 0:43. What is the end time?

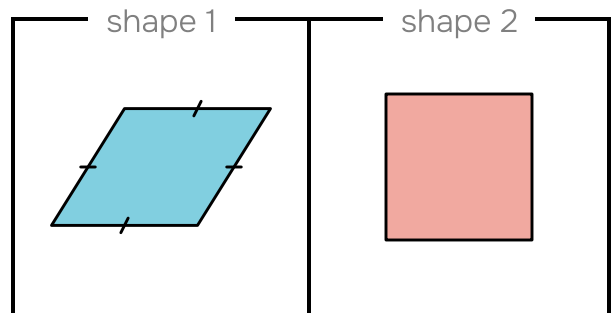
:

29.

The start time is 3:49. The end time is 4:34. What is the elapsed time?

:

30.



Shared Attributes:

Shared Categories:

3 sides

triangle

4 sides

quadrilateral

5 sides

rhombus

6 sides

rectangle

square corners

square

all sides equal

pentagon

hexagon