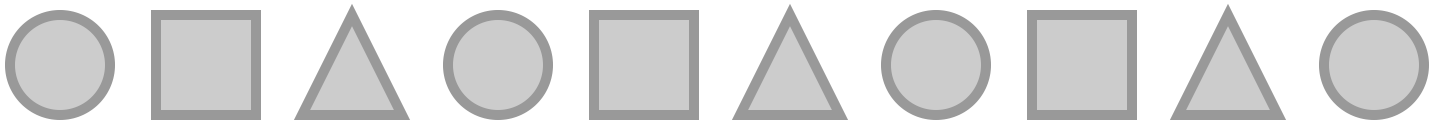


TANG MATH

Grade 4 Readiness



Intervention Module
Assessment 1

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.

3,081

_____	_____	_____	_____
quantity	quantity	quantity	quantity
_____	_____	_____	_____
place value	place value	place value	place value
_____	_____	_____	_____
digit value	digit value	digit value	digit value

2.

745

□	□	□
hundreds	tens	ones
□	□	□
tens	tens	ones
□		□
tens		ones

3.

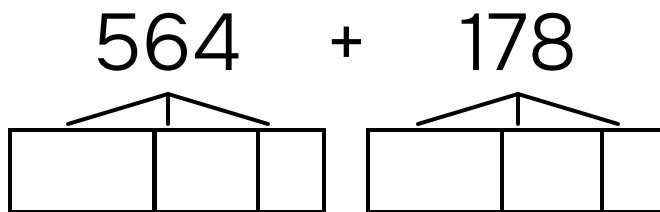
Round 534 to the nearest ten.

534 → _____

Name: _____

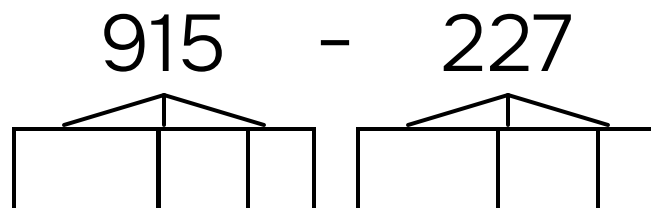
TANG MATH

4.



$$\begin{array}{r} \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \end{array}$$

5.



$$\begin{array}{r} \underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \\ \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \end{array}$$

Name: _____

TANG MATH

6.

$$3 \times 7 = \underline{\quad}$$

7.

$$5 \times 4 = \underline{\quad}$$

8.

$$8 \times 6 = \underline{\quad}$$

9.

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

Name: _____

TANG MATH

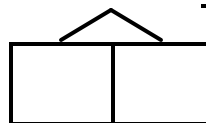
10.

A rectangle has a length of 6 centimeters and a width of 9 centimeters.
What is the area?

Area: _____ cm^2

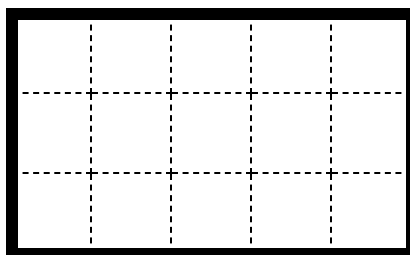
11.

$$3 \times 32 = \underline{\hspace{2cm}}$$



12.

15 divided into groups of 3 is _____.



Outline groups of 3.

Name: _____

TANG MATH

13.

SOLVE BY SHARING

$$28 \div 7 = \underline{\quad}$$

14.

SOLVE BY SHARING

$$24 \div 4 = \underline{\quad}$$

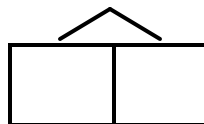
15.

SOLVE BY GROUPING

$$81 \div 9 = \underline{\quad}$$

16.

$$72 \div 6 = \underline{\quad}$$



Name: _____

17.

Pearl finds 186 golf balls. Pearl finds 152 fewer golf balls than Austin. How many golf balls did Austin find?

Austin found _____ golf balls.

18.

A shelter had 96 dogs and 49 cats available for adoption. During their big adoption event, 58 pets were adopted. How many animals are still looking for a home?

_____ animals are still looking for a home.

Name: _____

19.

Sloan and Walker find 387 golf balls all together. Walker finds 138 golf balls. How many more golf balls did Sloan find than Walker?

Sloan finds more golf balls than Walker.

20.

TJ bakes 5 casseroles.
TJ uses 8 mushrooms in each casserole.
How many mushrooms did TJ use in all?

TJ used mushrooms in all.

Name: _____

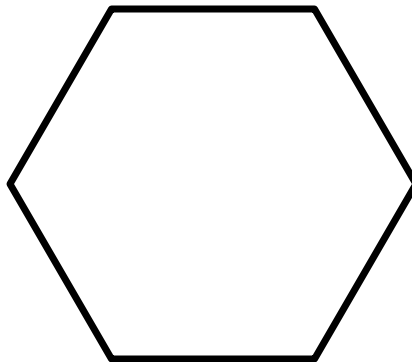
21.

The long side of a rectangle is 18 ft.
The short side of the rectangle is 5 ft.
What is the perimeter of the rectangle?
What is the area of the rectangle?

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

22.

Partition the shape into **3 equal parts**.



What is the name of each part?

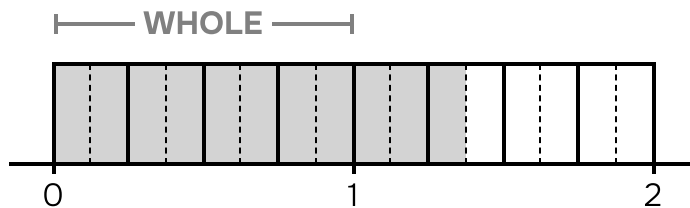
half third fourth sixth eighth

Shape name: _____

Name: _____

TANG MATH

23.



How many equal parts in 1? _____

How many parts are shaded? _____

What fraction is shaded? _____

24.

Use the **equal denominators** strategy.

$$\frac{2}{4} \quad \square \quad \frac{3}{4}$$

More shaded parts: $\frac{2}{4} = \frac{3}{4}$

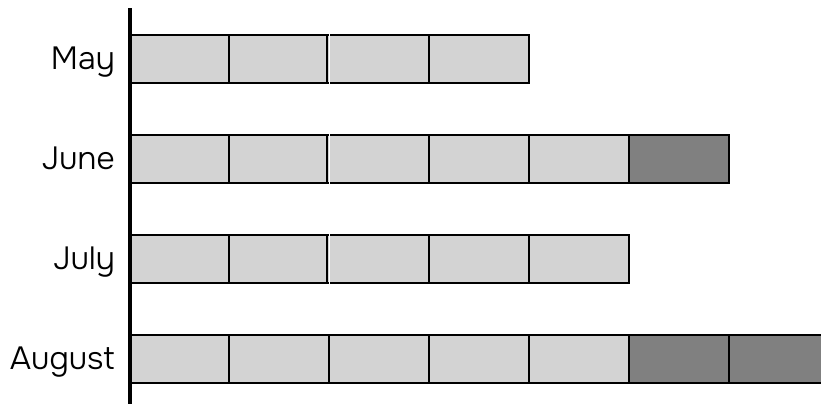
Bigger parts: $\frac{2}{4} = \frac{3}{4}$

Name: _____

25.

The model below represents the number of books that were donated to the school library last summer.

Each represents 13 books.



65 books were donated in which month?

a) May b) June c) July d) August

How many books were donated in August?

How many books were donated in May?

How many books were donated in all the months?

How many more books were donated in June than May?

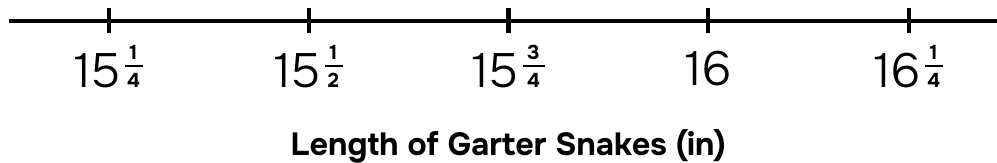
How many fewer books were donated in July than June?

Name: _____

26.

$15\frac{1}{4}$ in	$15\frac{1}{2}$ in	$15\frac{3}{4}$ in	16 in	$16\frac{1}{4}$ in	$15\frac{1}{2}$ in	16 in
$16\frac{1}{4}$ in	$15\frac{1}{2}$ in	$15\frac{1}{2}$ in	$15\frac{1}{2}$ in	16 in		

Number of Garter Snakes



How many garter snakes measure $16\frac{1}{4}$ in? _____

How many garter snakes measure $15\frac{1}{4}$ in? _____

How many more garter snakes measure $16\frac{1}{4}$ in than $15\frac{1}{4}$ in? _____

What is the total number of garter snakes? _____

Which length was observed the most? _____ in

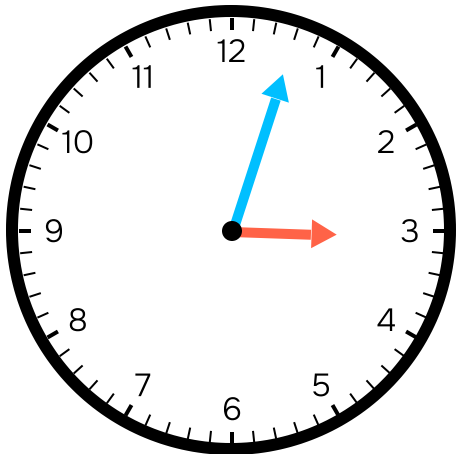
What is the shortest length observed? _____ in

What is the longest length observed? _____ in

Name: _____

TANG MATH

27.



Hour hand is between: _____ & _____

Minutes after the hour: _____

What time is it? _____ : _____

28.

The start time is 4:45. The elapsed time is 0:37. What is the end time?

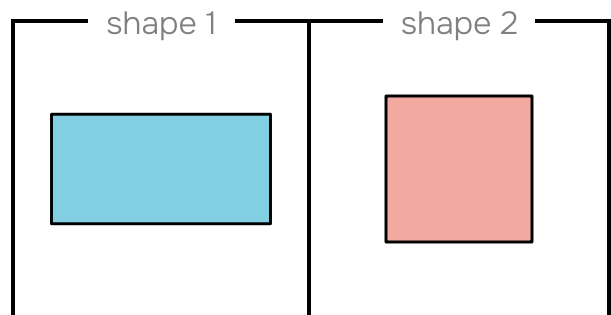
:

29.

The start time is 8:37. The end time is 9:06. What is the elapsed time?

:

30.



Shared Attributes: Shared Categories:

- | | |
|--|--|
| <input type="checkbox"/> 3 sides | <input type="checkbox"/> triangle |
| <input type="checkbox"/> 4 sides | <input type="checkbox"/> quadrilateral |
| <input type="checkbox"/> 5 sides | <input type="checkbox"/> rhombus |
| <input type="checkbox"/> 6 sides | <input type="checkbox"/> rectangle |
| <input type="checkbox"/> square corners | <input type="checkbox"/> square |
| <input type="checkbox"/> all sides equal | <input type="checkbox"/> pentagon |
| | <input type="checkbox"/> hexagon |