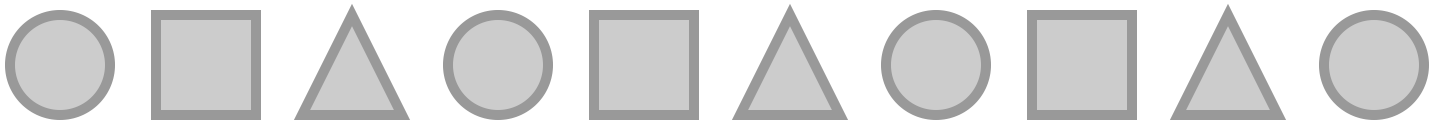


# TANG MATH

## *Grade 3 Readiness*



Intervention Module  
Assessment 2

# Grade 3 Readiness

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

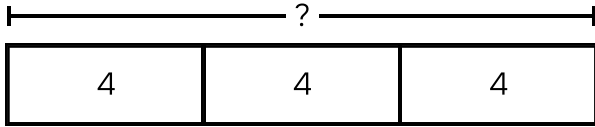
#	Source	Backfill Lessons
1.	<input type="checkbox"/> <a href="#">2-18: Model Equal Groups with Bar Models</a>	2-17, 2-18
2.	<input type="checkbox"/> <a href="#">2-19: Model Arrays with Counters</a>	2-19
3.	<input type="checkbox"/> <a href="#">2-20: Model Arrays with Unit Squares</a>	2-20
4.	<input type="checkbox"/> <a href="#">2-21: Model Arrays with Unit Cubes</a>	2-21
5.	<input type="checkbox"/> <a href="#">2-77: Place Value to 1,000 with Number Bonds</a>	1-95, 1-106, 2-76, 2-77
6.	<input type="checkbox"/> <a href="#">2-74: Compare 2-Digit Numbers: Unambiguous Tens...</a>	1-99, 2-71, 2-72, 2-73, 2-74
7.	<input type="checkbox"/> <a href="#">2-78: Compare 3-Digit Numbers</a>	2-78
8.	<input type="checkbox"/> <a href="#">2-82: Shift 100 &amp; 10 to Regroup using Number Bonds</a>	1-102, 2-79, 2-80, 2-81, 2-82
9.	<input type="checkbox"/> <a href="#">2-26: Add Double-Digit Numbers with Regrouping</a>	1-45, 1-112, 1-114, 1-115, 2-25, 2-26
10.	<input type="checkbox"/> <a href="#">2-26: Add Double-Digit Numbers with Regrouping</a>	1-45, 1-112, 1-114, 1-115, 2-25, 2-26
11.	<input type="checkbox"/> <a href="#">2-88: Add 3 2-Digit Addends</a>	2-84, 2-87, 2-88
12.	<input type="checkbox"/> <a href="#">2-95: 3-Digit Addends: Shift 100 &amp; 10</a>	2-91, 2-92, 2-93, 2-94, 2-95
13.	<input type="checkbox"/> <a href="#">2-31: Subtract using the Make 10s Strategy</a>	1-57, 2-29, 2-30, 2-31
14.	<input type="checkbox"/> <a href="#">2-32: Subtract Multiples of 10</a>	2-32
15.	<input type="checkbox"/> <a href="#">2-35: Subtract Double-Digit Numbers with Regroupi...</a>	1-103, 1-108, 2-33, 2-34, 2-35
16.	<input type="checkbox"/> <a href="#">2-106: 3-Digit Subtrahends: Shift 100 &amp; 10</a>	2-103, 2-104, 2-105, 2-106
17.	<input type="checkbox"/> <a href="#">2-39: Add-To or Put-Together Word Problems</a>	K-49, K-85, 1-27, 1-28, 2-39
18.	<input type="checkbox"/> <a href="#">2-43: Take-From or Take-Apart Word Problems</a>	K-54, K-98, 1-29, 1-30, 2-43
19.	<input type="checkbox"/> <a href="#">2-52: Comparison Word Problems</a>	2-44, 2-45, 2-46, 2-47, 2-48, 2-49, 2-52
20.	<input type="checkbox"/> <a href="#">2-67: Unscaffolded Join &amp; Separate Word Problems</a>	1-69, 1-74, 2-63, 2-67
21.	<input type="checkbox"/> <a href="#">2-69: Unscaffolded Total-Unknown Word Problems ...</a>	2-64, 2-65, 2-66, 2-68, 2-69
22.	<input type="checkbox"/> <a href="#">2-54: Compare Unit Fractions using Rods &amp; Bar Mo...</a>	2-53, 2-54
23.	<input type="checkbox"/> <a href="#">2-56: Model Proper Fractions Flexibly</a>	2-55, 2-56
24.	<input type="checkbox"/> <a href="#">2-62: Reason About Fractions with Non-Congruent ...</a>	2-57, 2-58, 2-60, 2-61, 2-62
25.	<input type="checkbox"/> <a href="#">2-114: Measure and Compare Lengths in Centimeters</a>	1-121, 2-113, 2-114
26.	<input type="checkbox"/> <a href="#">2-120: Number Lines - Read and Represent Length</a>	1-123, 2-120
27.	<input type="checkbox"/> <a href="#">2-124: Money - Add &amp; Compare Groups of Coins</a>	2-123, 2-124
28.	<input type="checkbox"/> <a href="#">2-126: Tell Time to the Nearest 5 Minutes</a>	1-130, 1-131, 1-132, 2-125, 2-126
29.	<input type="checkbox"/> <a href="#">2-134: Defining Attributes of 2D Shapes</a>	K-123, 1-134, 2-134
30.	<input type="checkbox"/> <a href="#">2-131: Horizontal Bar Graphs within 20</a>	2-128, 2-129, 2-130, 2-131

Name: \_\_\_\_\_

# TANG MATH

1.

3 groups of 4 = \_\_\_\_\_



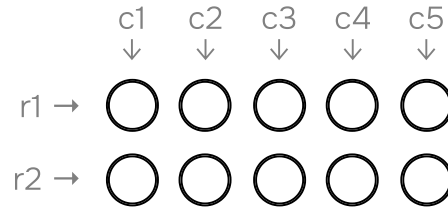
How many equal groups? \_\_\_\_\_

How much in each group? \_\_\_\_\_

How much in all? \_\_\_\_\_

2.

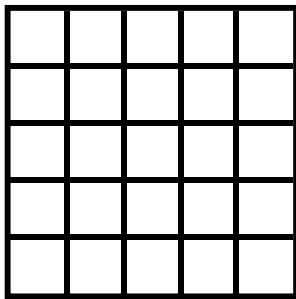
Below is an array with:  
**2 ROWS AND 5 COLUMNS**



How many in all? \_\_\_\_\_

3.

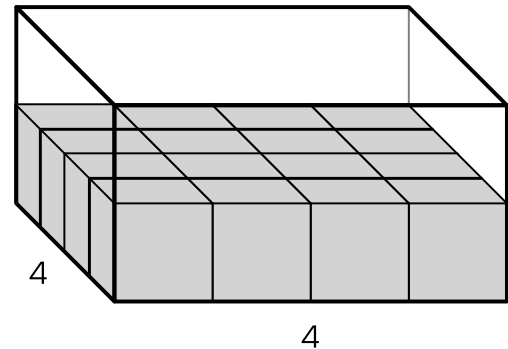
The rectangle is partitioned into same-size squares with **5 rows and 5 columns**.



How many unit squares in all? \_\_\_\_\_

4.

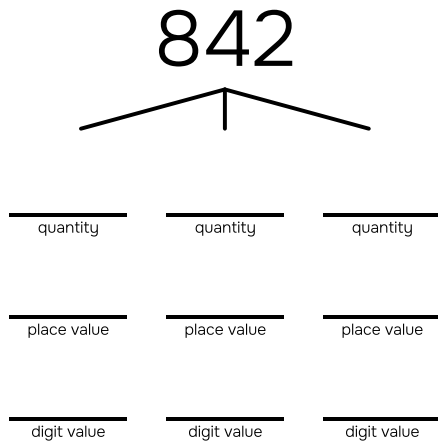
The length of a rectangular prism is 4 and the width is 4.



Area of base: \_\_\_\_\_

Name: \_\_\_\_\_

5.



6.

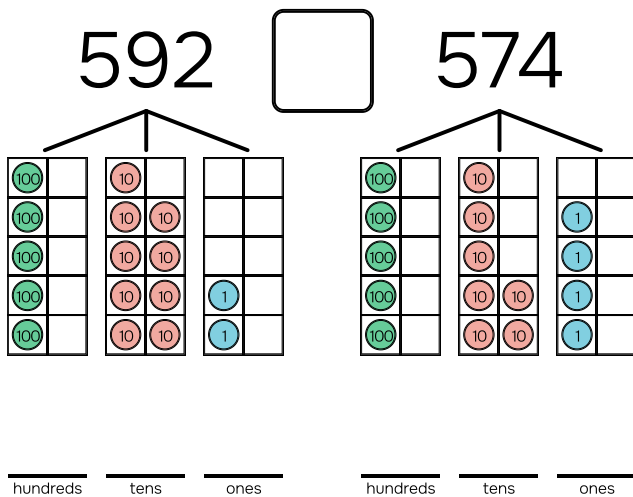
Compare the numbers and write the correct symbol: ( $<$   $=$   $>$ ).

$$32 \square 68$$

What is the difference? \_\_\_\_\_

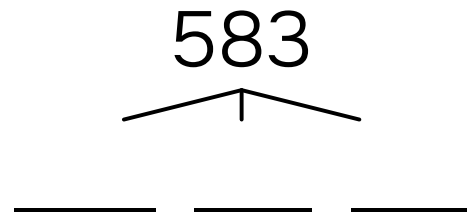
7.

Compare the numbers and write the correct symbol: ( $<$   $=$   $>$ ).



8.

Shift 100 and 10.



Name: \_\_\_\_\_

# TANG MATH

9.

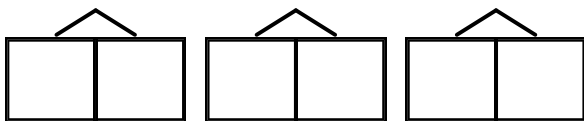
$$12 + 39 = \underline{\quad}$$

10.

$$48 + 27 = \underline{\quad}$$

11.

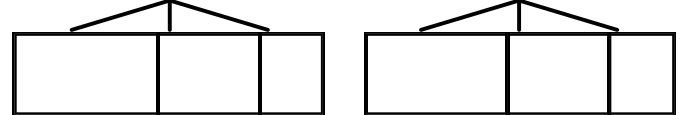
$$51 + 69 + 24$$



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

12.

$$485 + 396$$



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

Name: \_\_\_\_\_

# TANG MATH

13.

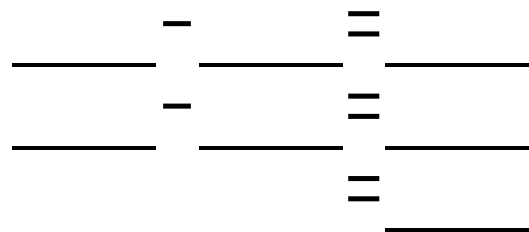
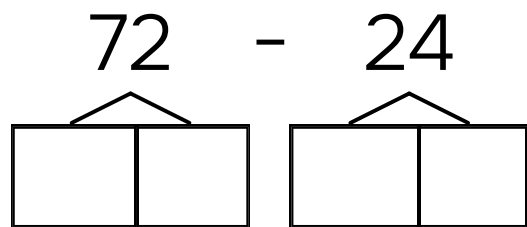
Use the **Make 10s** strategy.

$$82 - 7 = \underline{\quad}$$

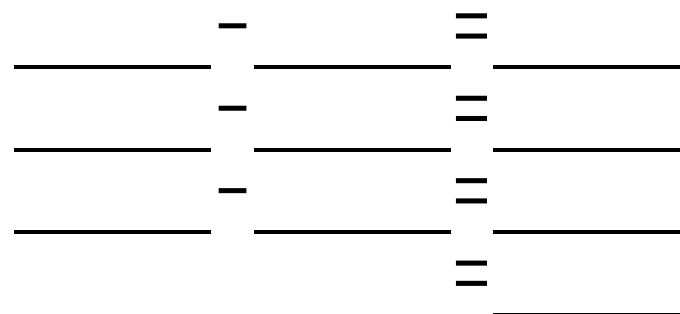
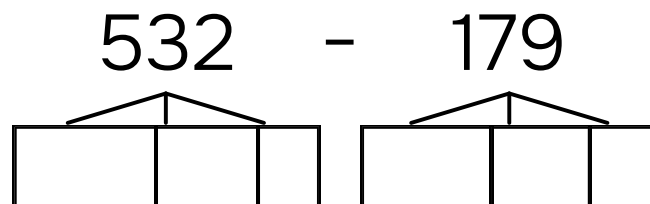
14.

$$46 - 20 = \underline{\quad}$$

15.



16.



Name: \_\_\_\_\_

# TANG MATH

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17.

Ian picks some peppers. Troy gives Ian 19 more peppers. Now Ian has 67 peppers. How many peppers did Ian pick?

Ian picked \_\_\_\_\_ peppers.

---

18.

Molly finds 72 shells.  
Molly gives some shells to Eva.  
Now Molly has 44 shells.  
How many shells did Molly give to Eva?

Molly gave \_\_\_\_\_ shells to Eva.

Name: \_\_\_\_\_

# TANG MATH

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19.

Zach picks 84 grapes.

Seth picks 36 fewer grapes than Zach.

How many grapes did Seth pick?

Seth picked \_\_\_\_\_ grapes.

---

20.

Brett finds 49 yellow golf balls and 35 white golf balls. Brett gives 38 golf balls to Helen. How many golf balls does Brett have left?

Brett has \_\_\_\_\_ golf balls left.

Name: \_\_\_\_\_

21.

Piper catches 46 fish. Tom catches 18 fewer fish than Piper. How many fish do Piper and Tom catch all together?

Piper and Tom catch      fish all together.

22.



**A** shows:  thirds  halves

**B** shows:  thirds  halves

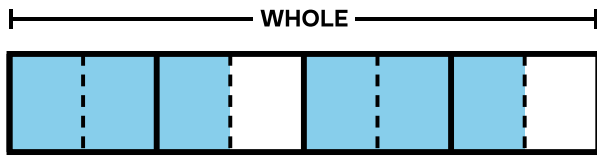
Larger parts:  thirds  halves

Smaller parts:  thirds  halves

Name: \_\_\_\_\_

# TANG MATH

23.

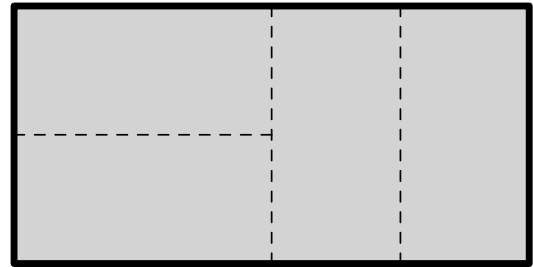


Equal parts shaded: \_\_\_\_\_

Equal parts in the whole: \_\_\_\_\_

24.

The shape is partitioned into equal parts.



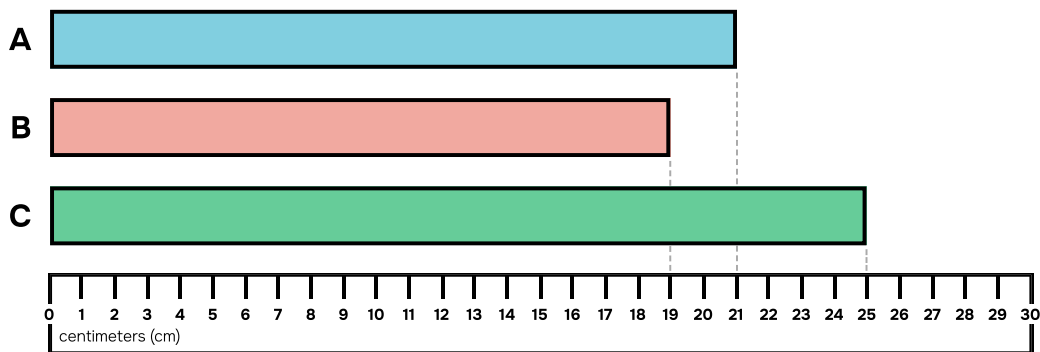
What is the name of each part?

half third fourth sixth eighth

Are all of the parts the same shape?

yes no

25.



The length of **A** is \_\_\_\_\_ cm **A** is \_\_\_\_\_ cm longer than **B**

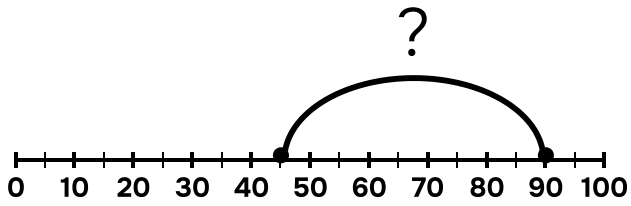
The length of **B** is \_\_\_\_\_ cm **A** is \_\_\_\_\_ cm shorter than **C**

The length of **C** is \_\_\_\_\_ cm **B** is \_\_\_\_\_ cm shorter than **C**

Name: \_\_\_\_\_

# TANG MATH

26.



Start: \_\_\_\_\_

End: \_\_\_\_\_

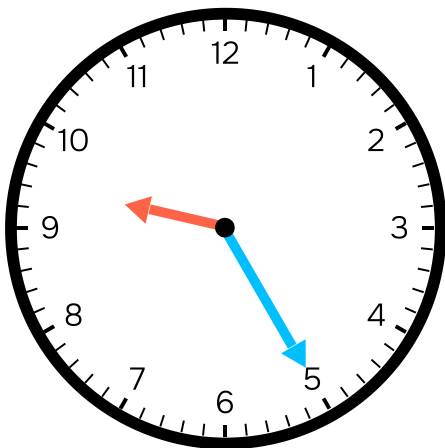
Distance: \_\_\_\_\_

27.

What is the total? \_\_\_\_\_ ¢



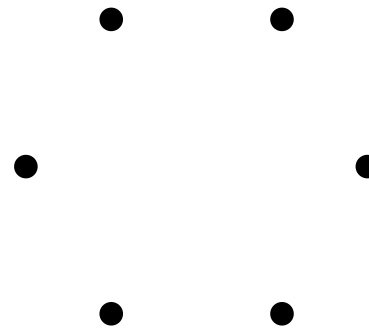
28.



What time is it? \_\_\_\_\_ : \_\_\_\_\_

29.

Draw a hexagon by connecting the dots.



How many sides? \_\_\_\_\_

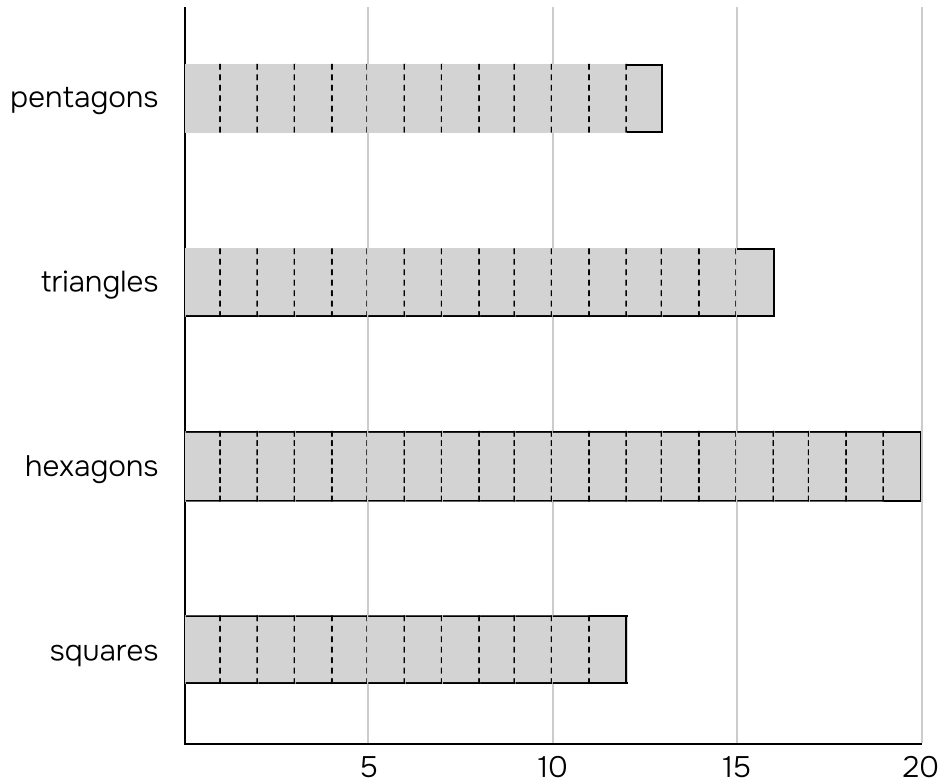
How many square vertices? \_\_\_\_\_

Are all sides equal in length? \_\_\_\_\_

Name: \_\_\_\_\_

30.

**Number of Shapes**



Most:  pentagons  triangles  hexagons  squares

Fewest:  pentagons  triangles  hexagons  squares

More:  pentagons + triangles  hexagons + squares

Fewer:  pentagons + hexagons  triangles + squares

pentagons + triangles + hexagons + squares: \_\_\_\_\_