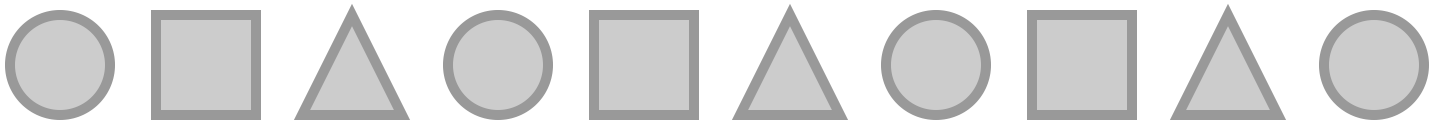


# TANG MATH

## *Grade 6 Readiness*



Intervention Module  
**Assessment 1**

# Grade 6 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"/> 5-24: Model Numbers in Expanded Form with...	2-76, 2-77, 4-24, 4-73, 5-24
2.	<input type="checkbox"/> 5-70: Compare Digits that are the Same	3-26, 4-29, 4-30, 4-31, 5-70
3.	<input type="checkbox"/> 5-96: Rounding Decimal Numbers to the Nea...	5-92, 5-94, 5-95, 5-96
4.	<input type="checkbox"/> 5-16: Multiply using the Standard Algorithm: ...	3-46, 3-106, 4-34, 4-35, 4-36, 4-37, 4-80, 4-81, 5-16
5.	<input type="checkbox"/> 5-17: Multiply using the Standard Algorithm: ...	4-40, 4-41, 4-42, 5-17
6.	<input type="checkbox"/> 5-27: Divide by 2-Digit Divisors using the Par...	3-112, 4-46, 4-47, 4-48, 4-49, 4-50, 5-25, 5-26, 5-27
7.	<input type="checkbox"/> 5-29: Order of Operations	3-60, 4-55, 5-29
8.	<input type="checkbox"/> 5-40: Add Fractions with Unlike Denominato...	3-75, 4-98, 4-99, 5-37, 5-38, 5-39, 5-40
9.	<input type="checkbox"/> 5-45: Subtract Fractions with Unlike Denomi...	4-100, 4-101, 5-44, 5-45
10.	<input type="checkbox"/> 5-56: Proper Fraction x Proper Fraction	4-83, 5-54, 5-55, 5-56
11.	<input type="checkbox"/> 5-72: Unit Fraction $\div$ Whole Number using th...	5-67, 5-68, 5-72
12.	<input type="checkbox"/> 5-73: Whole Number $\div$ Unit Fraction using th...	5-73
13.	<input type="checkbox"/> 5-41: Add Mixed Numbers with Unlike Denom...	4-102, 4-103, 5-41
14.	<input type="checkbox"/> 5-46: Subtract Mixed Numbers with Unlike D...	5-46
15.	<input type="checkbox"/> 5-63: Multiply Mixed Numbers using an Area ...	4-107, 5-61, 5-63
16.	<input type="checkbox"/> 5-99: Add Decimal Numbers using Partial Su...	4-113, 4-114, 5-42, 5-43, 5-99
17.	<input type="checkbox"/> 5-101: Subtract Decimal Numbers using Parti...	5-100, 5-101
18.	<input type="checkbox"/> 5-106: Multiply Decimal Numbers using the P...	5-104, 5-105, 5-106
19.	<input type="checkbox"/> 5-112: Divide Decimal Numbers by Decimals ...	5-111, 5-112
20.	<input type="checkbox"/> 5-32: Sequential 2-Step Comparison Word P...	4-20, 4-21, 4-22, 4-23, 5-32
21.	<input type="checkbox"/> 5-50: Subtract Fractions with Unlike Denomi...	2-39, 2-43, 4-104, 5-49, 5-50
22.	<input type="checkbox"/> 5-65: Comparison Word Problems using Frac...	4-16, 4-17, 4-18, 4-19, 5-19, 5-65
23.	<input type="checkbox"/> 5-85: Scale Whole Numbers on a Double-Sid...	5-84, 5-85
24.	<input type="checkbox"/> 5-123: Smaller to Larger Standard Units	5-118, 5-119, 5-121, 5-122, 5-123
25.	<input type="checkbox"/> 5-22: Volume of Rectangular Prisms	3-100, 5-22
26.	<input type="checkbox"/> 5-30: Interpret Verbal Expressions	5-30
27.	<input type="checkbox"/> 5-135: Hierarchy of Quadrilaterals	4-133, 4-134, 5-133, 5-134, 5-135
28.	<input type="checkbox"/> 5-23: Composite Volume of Rectangular Pris...	5-23
29.	<input type="checkbox"/> 5-129: Introduction to Coordinate Geometry	5-129
30.	<input type="checkbox"/> 5-131: Analyze Proportional Linear Relationsh...	5-130, 5-131

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

# TANG MATH

---

1.

**965,874**

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + 7 \times 10^1 + \underline{\hspace{2cm}}$$

---

2.

A B  
↓ ↓  
133,746

**B** is how much less than **A**? \_\_\_\_\_

**B** is what fraction of **A**? \_\_\_\_\_

Name:

3.

Round 3.95 to the nearest tenth.

$$3.95 \rightarrow \underline{\quad}$$

---

4.

What is  $6 \times 9,314$ ?

Name:

5.

The first factor is 38. The second factor is 246. What is the product?

6.

$$15 \overline{) 7,845}$$

7.

$$(8+5) \times [6 \div (7-4)] = \underline{\quad}$$

8.

$$\frac{2}{3} + \frac{1}{4} = \boxed{\quad}$$

Name:

# TANG MATH

9.

$$\frac{1}{2} - \frac{2}{9} = \boxed{\phantom{\frac{1}{2}}}$$

10.

$$\frac{4}{5} \times \frac{2}{9} =$$

11.

$\frac{1}{4}$  divided into 8 groups.

$$\frac{1}{4} \div 8 =$$

12.

7 divided into groups of  $\frac{1}{7}$ .

$$7 \div \frac{1}{7} =$$

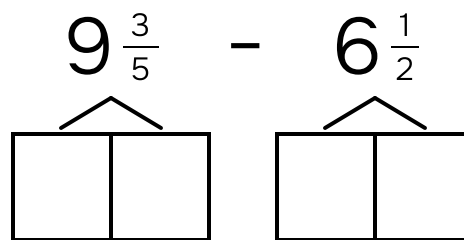
Name: \_\_\_\_\_

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13.

$$4\frac{4}{5} + 3\frac{1}{3} = \underline{\hspace{2cm}}$$

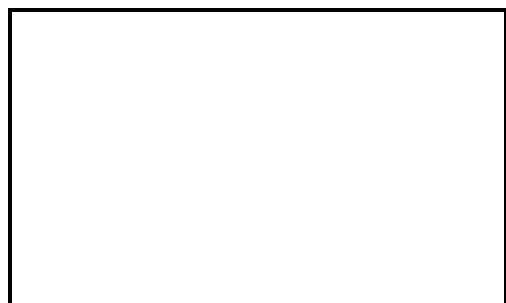
14.



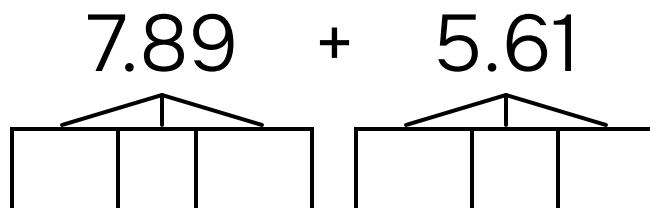
\_\_\_\_\_ answer

15.

$$4\frac{1}{4} \times 6\frac{5}{8} = \underline{\hspace{2cm}}$$



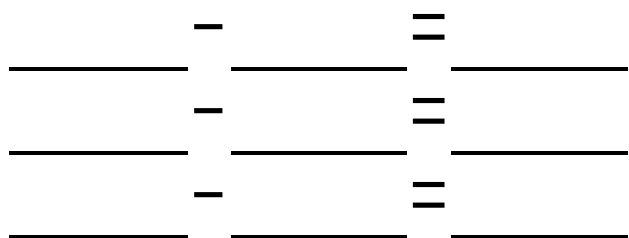
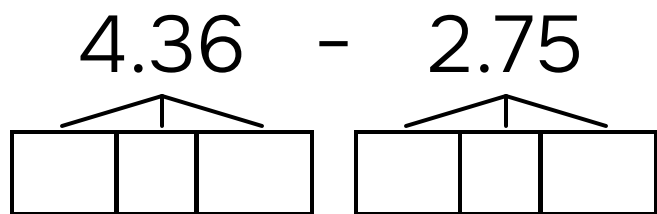
16.



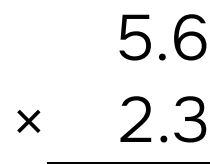
_____	+	_____	=	_____
_____	+	_____	=	_____
_____	+	_____	=	_____

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

17.



18.



19.

$$58.2 \div .3 = \underline{\hspace{2cm}}$$



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

20.

There are 15 fiction books. There are 255 more nonfiction books than fiction books. The number of nonfiction books is how many times the number of fiction books?

There are \_\_\_\_\_ times as many nonfiction as fiction books.

---

21.

Eli spends four-fifths of an hour doing chores. Eli spends one-half of an hour sweeping. How much time did Eli spend doing yard work?

Eli spent \_\_\_\_\_ of an hour doing yard work.

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

22.

Cara planted  $\frac{1}{16}$  as much corn as wheat.

Cara planted 255 more rows of wheat than corn.

How many rows of wheat and corn did Cara plant in all?

Cara planted \_\_\_\_\_ rows of wheat and corn in all.

---

23.

A juice store makes 208 smoothies with 16 cartons of strawberries.

How many smoothies can the store make with 39 cartons of strawberries?

smoothies

\_\_\_\_\_

cartons of  
strawberries

Answer: \_\_\_\_\_ smoothies

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

24.

$$276 \text{ qt} = \underline{\hspace{2cm}} \text{ gal}$$

25.

The length of a rectangular prism is 25, the width is 22 and the height is 7.

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

Volume: \_\_\_\_\_

26.

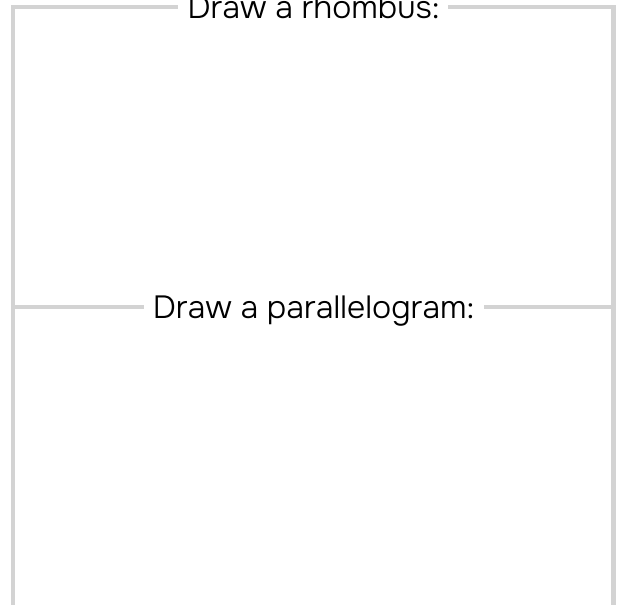
9 divided by the  
difference between 8  
and 5.

Expression: \_\_\_\_\_

Value: \_\_\_\_\_  
\_\_\_\_\_

27.

Draw a rhombus: \_\_\_\_\_



Is a rhombus a parallelogram?

always

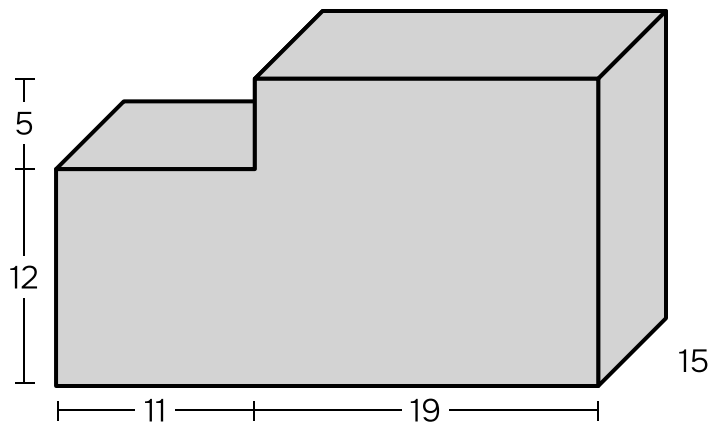
sometimes

never

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

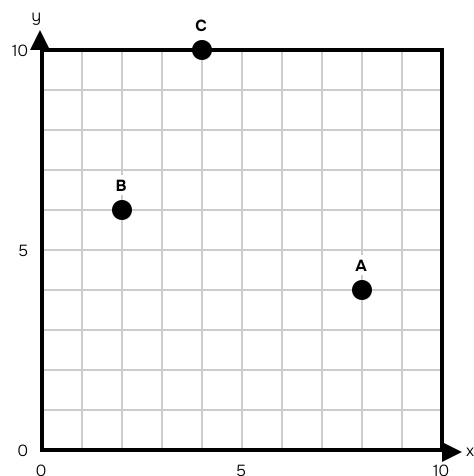
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28.



What is the total volume? \_\_\_\_\_

29.



Point A (x,y): \_\_\_\_\_

Point B (x,y): \_\_\_\_\_

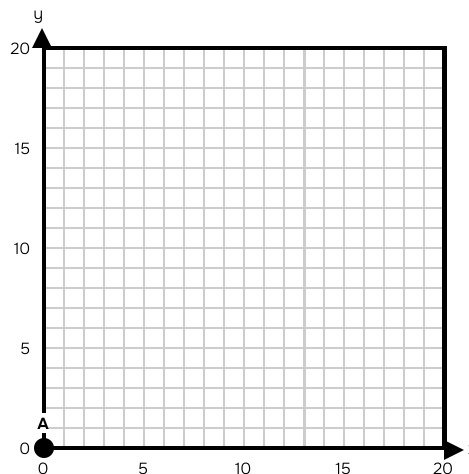
Point C (x,y): \_\_\_\_\_

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

# TANG MATH

30.

Point	Coordinates
A	(0,0)



Rule for X: add 4 X compared to Y: \_\_\_\_\_

Rule for Y: add 1 Y compared to X: \_\_\_\_\_