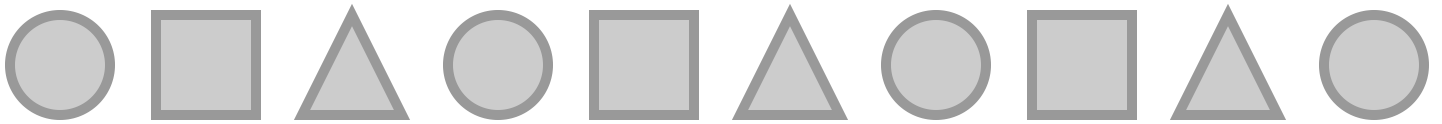


TANG MATH

Grade 5 Readiness Answer Key



Intervention Module
Assessment 2

Grade 5 Readiness

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

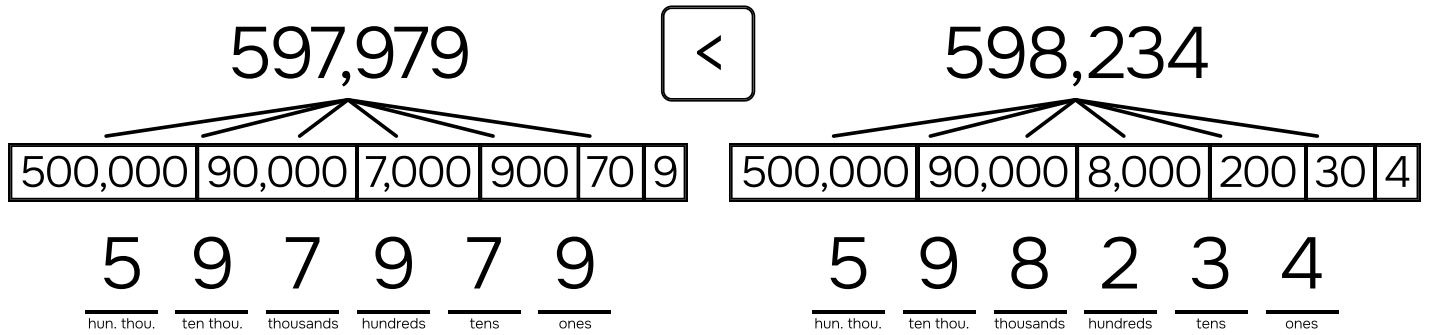
#	Source	Backfill Lessons
1.	<input type="checkbox"/> 4-73: Place Value to Six Digits	1-105, 2-76, 2-77, 2-78, 3-26, 4-73
2.	<input type="checkbox"/> 4-27: Rounding within 10,000 to the Neares...	3-22, 3-23, 3-24, 3-25, 4-25, 4-26, 4-27
3.	<input type="checkbox"/> 4-31: Compare Digits to 10,000 Additively & ...	4-29, 4-30, 4-31
4.	<input type="checkbox"/> 4-32: Add to 10,000 using the Standard Alg...	2-92, 2-93, 2-94, 2-95, 4-32
5.	<input type="checkbox"/> 4-33: Subtract to 10,000 using the Standar...	2-35, 2-82, 2-103, 2-104, 2-105, 2-106, 2-107, 2-108, 2-109, 4-33
6.	<input type="checkbox"/> 4-37: Multiply 1-Digit x 3-Digit with the Parti...	3-46, 3-106, 4-34, 4-35, 4-36, 4-37
7.	<input type="checkbox"/> 4-42: Multiply 2-Digit x 2-Digit with Number ...	4-40, 4-41, 4-42
8.	<input type="checkbox"/> 4-50: Divide 3-Digit & 4-Digit Numbers usin...	3-112, 4-46, 4-47, 4-48, 4-49, 4-50
9.	<input type="checkbox"/> 4-67: Divide 3-Digit Numbers with Remaind...	4-64, 4-65, 4-66, 4-67
10.	<input type="checkbox"/> 4-59: Multiples, Common Multiples & Least ...	4-59
11.	<input type="checkbox"/> 4-62: Factor Pairs to 100	4-61, 4-62
12.	<input type="checkbox"/> 4-85: Fraction Equivalence - Improper Fract...	2-55, 3-84, 3-85, 4-83, 4-84, 4-85
13.	<input type="checkbox"/> 4-87: Convert Mixed Numbers to Fractions	3-82, 4-86, 4-87
14.	<input type="checkbox"/> 4-93: Compare Proper Fractions	3-86, 3-87, 4-88, 4-89, 4-90, 4-91, 4-92, 4-93
15.	<input type="checkbox"/> 4-97: Order Proper & Improper Fractions	3-80, 3-81, 4-95, 4-96, 4-97
16.	<input type="checkbox"/> 4-20: Multiplicative Comparison Story Probl...	2-52, 3-113, 4-18, 4-19
17.	<input type="checkbox"/> 4-21: Multistep Comparison Story Problems:...	4-20, 4-21
18.	<input type="checkbox"/> 4-99: Add Fractions with Regrouping	3-75, 4-98, 4-99
19.	<input type="checkbox"/> 4-101: Subtract Fractions with Regrouping	4-100, 4-101
20.	<input type="checkbox"/> 4-103: Add & Subtract Mixed Numbers with ...	4-102, 4-103
21.	<input type="checkbox"/> 4-107: Multiply Whole Number x Fraction - C...	4-107
22.	<input type="checkbox"/> 4-114: Add Tenths & Hundredths by Renami...	4-112, 4-113, 4-114
23.	<input type="checkbox"/> 4-116: Write Decimals as Fractions	4-115, 4-116
24.	<input type="checkbox"/> 4-120: Order Decimals on a Number Line	4-117, 4-118, 4-119, 4-120
25.	<input type="checkbox"/> 4-123: Convert Units of Weight & Mass	4-122, 4-123
26.	<input type="checkbox"/> 4-123: Convert Units of Weight & Mass	4-122, 4-123
27.	<input type="checkbox"/> 4-131: Add & Subtract Measurements of Ang...	4-130, 4-131
28.	<input type="checkbox"/> 4-132: Classify Lines - Intersecting, Perpend...	4-128, 4-129, 4-132
29.	<input type="checkbox"/> 4-134: Classify Quadrilaterals - Defining Attr...	3-134, 3-135, 4-133, 4-134
30.	<input type="checkbox"/> 4-135: Lines of Symmetry	4-135

Name: _____

TANG MATH

1.

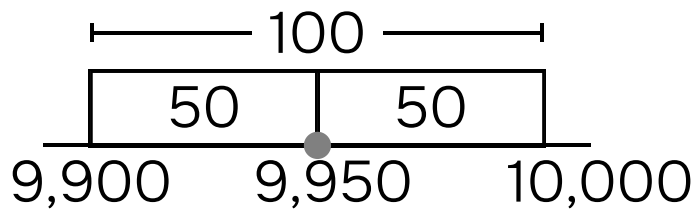
Compare the numbers and write the correct symbol: (< = >).



4-73 4.NBT.2

2.

Round 9,950 to the nearest hundred.



Hundreds in 9,950: 99

One more hundred: 100

Halfway: 9,950

9,950 rounds to: 10,000

4-27 4.NBT.3

Name:

TANG MATH

3.

A B
↓ ↓
7,749

A is how much more than B? $\frac{6,300}{10}$

A is how many times B? $\frac{10}{10}$

4-31 4.NBT.1, 4.OA.1

5.

9,258
- 3,564

4-33 4.NBT.4

4.

9,472
+ 4,274

4-32 4.NBT.4

6.

883
× 7

7 × 800 = 5,600
7 × 80 = 560
7 × 3 = 21

6,181

4-37 4.NBT.5

Name:

TANG MATH

7.

$$\begin{array}{r}
 71 \\
 \times 64 \\
 \hline
 60 \times 70 = 4,200 \\
 60 \times 1 = 60 \\
 4 \times 70 = 280 \\
 4 \times 1 = 4 \\
 \hline
 4,544
 \end{array}$$

8.

$$\begin{array}{r}
 97 \\
 9 \overline{) 873} \\
 \underline{-810} \quad 90 \\
 63 \\
 \underline{-63} \quad 7 \\
 0 \quad 97
 \end{array}$$

4-42 4.NBT.5

4-50 4.NBT.6

9.

$$\begin{array}{r}
 104 \text{ R4} \\
 6 \overline{) 628} \\
 \underline{-600} \quad 100 \\
 28 \\
 \underline{-0} \quad 0 \\
 28 \\
 \underline{-24} \quad 4 \\
 4 \\
 \underline{-4} \quad \text{R4} \\
 0 \quad 104 \text{ R4}
 \end{array}$$

10.

List the multiples of 8 and 3 below.
 Circle all of the common multiples.
 Check mark the least common multiple.

MULTIPLES OF 8:

8	16	24	32	40
48	56	64	72	80

MULTIPLES OF 3:

3	6	9	12	15
18	21	24	27	30

4-67 4.NBT.6

4-59 4.OA.5

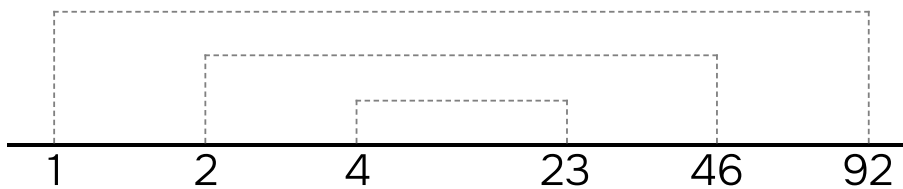
Name:

TANG MATH

11.

List the factor pairs of 92.

1[✓] 2[✓] 3[✗] 4[✓] 5[✗] 6[✗] 7[✗] 8[✗] 9[✗] 10[✗]



$$\begin{array}{r} 92 \div 2 = 46 \\ \hline 80 \quad 12 \end{array}$$

$$\begin{array}{r} 92 \div 3 = \text{✗} \\ \hline 90 \quad 2 \end{array}$$

$$\begin{array}{r} 92 \div 4 = 23 \\ \hline 80 \quad 12 \end{array}$$

$$\begin{array}{r} 92 \div 5 = \text{✗} \\ \hline 50 \quad 42 \end{array}$$

$$\begin{array}{r} 92 \div 7 = \text{✗} \\ \hline 70 \quad 22 \end{array}$$

$$\begin{array}{r} 92 \div 8 = \text{✗} \\ \hline 80 \quad 12 \end{array}$$

4-62 4.OA.4

12.

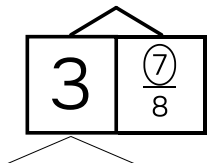
$$\frac{28}{16} = \frac{7}{4}$$

4-85 4.NF.1

Name:

13.

Convert the mixed number to a fraction.

$$3\frac{7}{8} = \frac{31}{8}$$




4-87 4.NF.1

14.

$$\frac{3}{5} \boxed{<} \frac{7}{9}$$

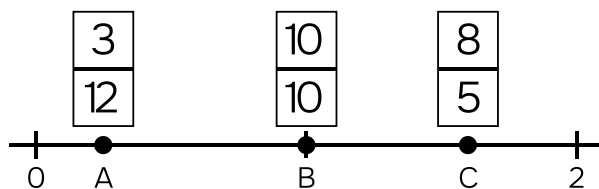
4-93 4.NF.2

15.

Use the benchmark strategy.

Put each fraction on the number line:

$\frac{3}{12}$ $\frac{10}{10}$ $\frac{8}{5}$



4-97 4.NF.2

Name: _____

16.

Seth catches 171 fish.

Scott catches 9 fish.

Seth catches how many times as many fish as Scott?

Seth catches times as many fish as Scott.

4-20 4.OA.2

17.

Jill picks 6 grapes. Eli picks 48 more grapes than Jill. Eli picks how many times as many grapes as Jill?

Eli picks times as many grapes as Jill.

4-21 4.OA.2

Name:

TANG MATH

18.

$$\frac{7}{9} + \frac{8}{9} = \boxed{\frac{\cancel{15}}{\cancel{9}}}$$
$$1\frac{2}{3}$$

19.

$$\frac{22}{12} - \frac{2}{12} = \boxed{\frac{\cancel{20}}{\cancel{12}}}$$
$$1\frac{2}{3}$$

4-99 4.NF.3

20.

$$8\frac{3}{6} - 3\frac{4}{6}$$

8	$\frac{3}{6}$
7	$\frac{9}{6}$

3	$\frac{4}{6}$
---	---------------

$$\underline{\hspace{10em}} \quad 4\frac{5}{6}$$

answer

4-101 4.NF.3

21.

$$3 \times \frac{2}{4} = \frac{\cancel{6}}{\cancel{4}} 1\frac{1}{2}$$

What is 3 groups of 2 fourths?

$$\underline{\hspace{1em}} \quad \underline{\hspace{1em}} \text{ fourths}$$

quantity unit

4-103 4.NF.3

4-107 4.NF.4

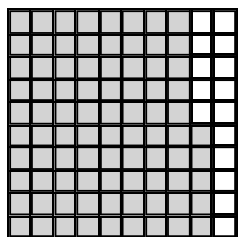
Name:

TANG MATH

22.

$$\frac{6}{10} + \frac{25}{100} = \frac{85}{100}$$

$\frac{60}{100}$



Flat=1 Rod=1/10 Square=1/100

4-114 4.NF.5

23.

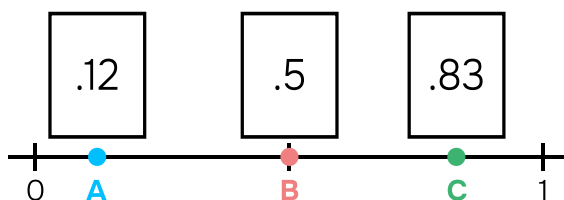
DECIMAL NOTATION	=	FRACTION NOTATION
.06		$\frac{6}{100}$

4-116 4.NF.6

24.

Put each decimal on the number line:

.5 .12 .83



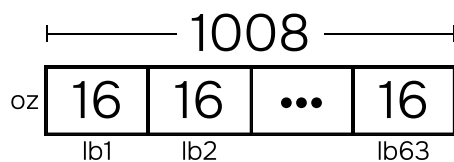
4-120 4.NF.6, 4.NF.7

Name:

TANG MATH

25.

$$63 \text{ lb} = \underline{1,008} \text{ oz}$$

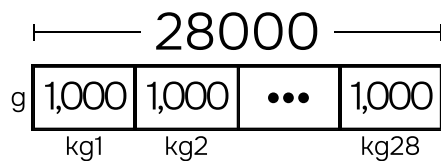


$$\underline{63} \times \underline{16} = \underline{1,008}$$

4-123 4.MD.1

26.

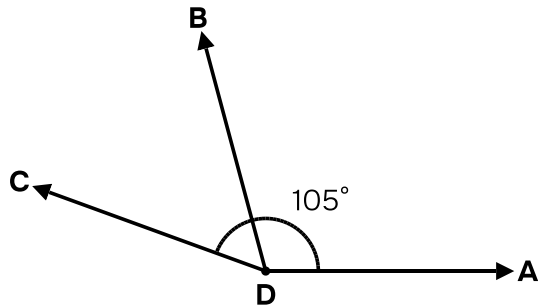
$$28 \text{ kg} = \underline{28,000} \text{ g}$$



$$\underline{28} \times \underline{1,000} = \underline{28,000}$$

4-123 4.MD.1

27.



$\angle ADB$ measures: 105°

$\angle BDC$ measures: 55°

$\angle ADC$ measures: 160°

4-131 4.MD.7

29.

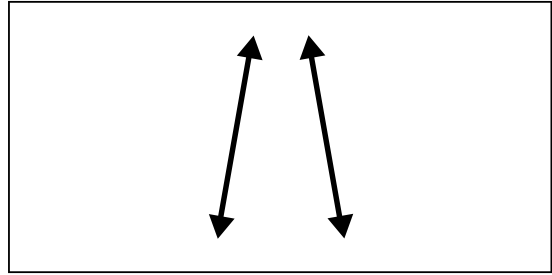


Check off this quadrilateral's attributes:

- INCLUSIVE TRAPEZOID
at least 1 pair of parallel sides
- EXCLUSIVE TRAPEZOID
exactly 1 pair of parallel sides
- PARALLELOGRAM
2 pairs of parallel sides
- RHOMBUS
4 equal sides
- RECTANGLE
4 right angles
- SQUARE
4 equal sides + 4 right angles

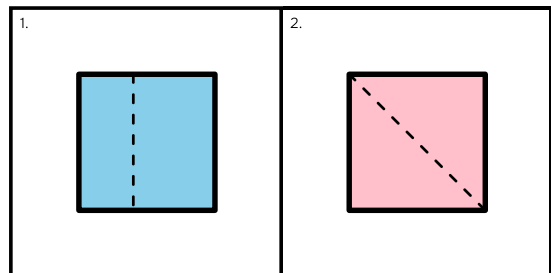
4-134 4.G.2

28.

Attributes: lines intersect lines form right angles lines do not intersectCategories: intersecting perpendicular parallel

4-132 4.G.2

30.

Which shows a line of symmetry? 2

4-135 4.G.3