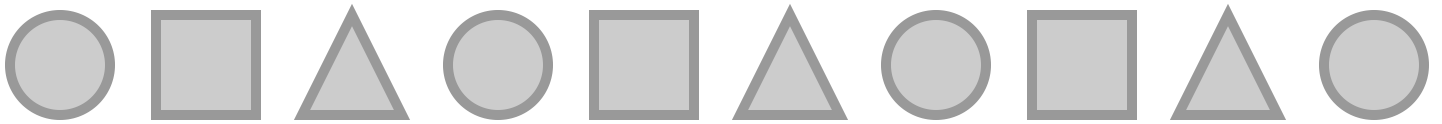


TANG MATH

Grade 5 Readiness Answer Key



Intervention Module
Assessment 1

Grade 5 Readiness

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

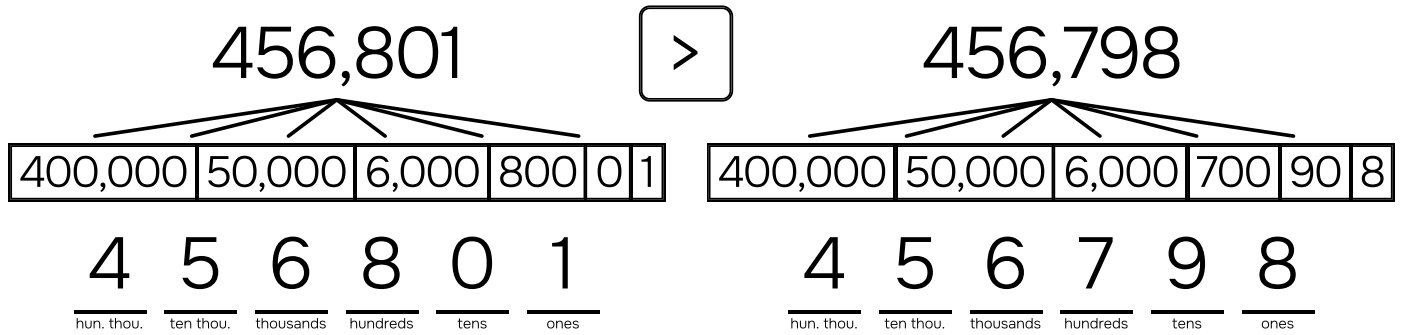
#	Source	Backfill Lessons
1.	<input type="checkbox"/> 4-73: Place Value to Six Digits	1-105, 2-76, 2-77, 2-78, 3-26, 4-73
2.	<input type="checkbox"/> 4-27: Rounding within 10,000 to the Neares...	3-22, 3-23, 3-24, 3-25, 4-25, 4-26, 4-27
3.	<input type="checkbox"/> 4-31: Compare Digits to 10,000 Additively & ...	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.

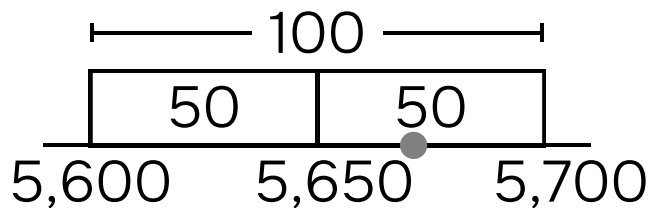
Compare the numbers and write the correct symbol: (< = >).



4-73 4.NBT.2

2.

Round 5,671 to the nearest hundred.



Hundreds in 5,671: 56

One more hundred: 57

Halfway: 5,650

5,671 rounds to: 5,700

4-27 4.NBT.3

Name:

TANG MATH

3.

A B
↓ ↓
5,587

A is how much more than B? $\frac{4,500}{10}$

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

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

5.

7,642
- 5,935

4-33 4.NBT.4

4.

3,891
+ 2,241

4-32 4.NBT.4

6.

765
× 6

 $6 \times 700 = 4,200$
 $6 \times 60 = 360$
 $6 \times 5 = 30$

4,590

4-37 4.NBT.5

Name:

TANG MATH

7.

$$\begin{array}{r}
 68 \\
 \times 53 \\
 \hline
 50 \times 60 = 3,000 \\
 50 \times 8 = 400 \\
 3 \times 60 = 180 \\
 3 \times 8 = 24 \\
 \hline
 3,604
 \end{array}$$

8.

$$\begin{array}{r|l}
 114 \\
 7 \overline{) 798} & 100 \\
 \underline{-700} & \\
 98 & \\
 \underline{-70} & 10 \\
 28 & \\
 \underline{-28} & 4 \\
 0 & 114
 \end{array}$$

4-42 4.NBT.5

4-50 4.NBT.6

9.

$$\begin{array}{r|l}
 112 \text{ R3} \\
 8 \overline{) 899} & 100 \\
 \underline{-800} & \\
 99 & \\
 \underline{-80} & 10 \\
 19 & \\
 \underline{-16} & 2 \\
 3 & \\
 \underline{-3} & \text{R3} \\
 0 & 112 \text{ R3}
 \end{array}$$

10.

List the multiples of 7 and 4 below.
 Circle all of the common multiples.
 Check mark the least common multiple.

MULTIPLES OF 7:

7	14	21	28 ✓	35
42	49	56	63	70

MULTIPLES OF 4:

4	8	12	16	20
24	28 ✓	32	36	40

4-67 4.NBT.6

4-59 4.OA.5

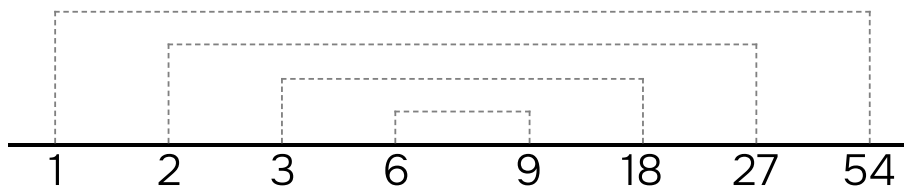
Name:

TANG MATH

11.

List the factor pairs of 54.

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



$$\begin{array}{cccc} 54 \div 2 = 27 & 54 \div 3 = 18 & 54 \div 4 = \text{✗} & 54 \div 5 = \text{✗} \\ \begin{array}{c} \wedge \\ 40 \quad 14 \end{array} & \begin{array}{c} \wedge \\ 30 \quad 24 \end{array} & \begin{array}{c} \wedge \\ 40 \quad 14 \end{array} & \begin{array}{c} \wedge \\ 50 \quad 4 \end{array} \end{array}$$

$$54 \div 6 = 9 \quad 54 \div 7 = \text{✗}$$

4-62 4.OA.4

12.

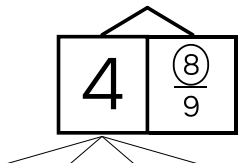
$$\frac{33}{24} = \frac{11}{8}$$

4-85 4.NF.1

Name:

13.

Convert the mixed number to a fraction.

$$4\frac{8}{9} = \frac{44}{9}$$




4-87 4.NF.1

14.

$$\frac{2}{5} \boxed{<} \frac{5}{9}$$

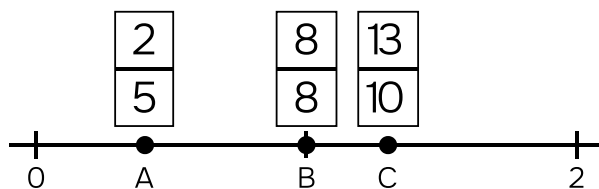
4-93 4.NF.2

15.

Use the benchmark strategy.

Put each fraction on the number line:

$\frac{13}{10}$ $\frac{8}{8}$ $\frac{2}{5}$



4-97 4.NF.2

Name: _____

16.

Walker finds 7 times as many golf balls as Hope. Hope finds 17 golf balls. How many golf balls did Walker find?

Walker found _____ golf balls.

4-20 4.OA.2

17.

Shane bakes 91 cookies. Shane bakes 84 more cookies than George. Shane bakes how many times as many cookies as George?

Shane bakes _____ times as many cookies as George.

4-21 4.OA.2

Name:

TANG MATH

18.

$$\frac{5}{6} + \frac{4}{6} = \boxed{\frac{\cancel{9}}{\cancel{6}}} \\ 1\frac{1}{2}$$

19.

$$\frac{16}{9} - \frac{4}{9} = \boxed{\frac{\cancel{12}}{\cancel{9}}} \\ 1\frac{1}{3}$$

4-99 4.NF.3

20.

$$6\frac{1}{5} - 2\frac{2}{5}$$

6	$\frac{1}{5}$
5	$\frac{6}{5}$

2	$\frac{2}{5}$
---	---------------

$$\underline{\hspace{10em}} \\ 3\frac{4}{5}$$

answer

4-101 4.NF.3

21.

$$5 \times \frac{2}{6} = \frac{\cancel{10}}{\cancel{6}} 1\frac{2}{3}$$

What is 5 groups of 2 sixths?

$$\underline{\hspace{2em}} \quad \underline{\hspace{2em}} \\ \text{quantity} \quad \text{unit}$$

4-103 4.NF.3

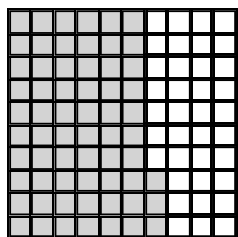
4-107 4.NF.4

Name:

22.

$$\frac{5}{10} + \frac{13}{100} = \frac{63}{100}$$

$$\frac{50}{100}$$



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

4-114 4.NF.5

23.

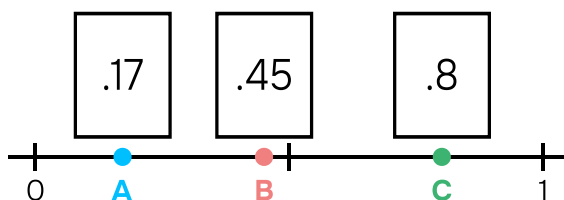
<small>DECIMAL NOTATION</small> .92	=	<small>FRACTION NOTATION</small> $\frac{92}{100}$
--	---	--

4-116 4.NF.6

24.

Put each decimal on the number line:

.17 .8 .45



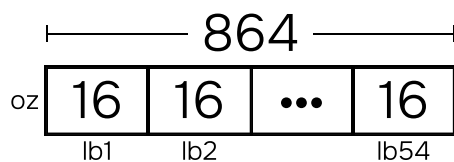
4-120 4.NF.6, 4.NF.7

Name:

TANG MATH

25.

$$54 \text{ lb} = \underline{864} \text{ oz}$$

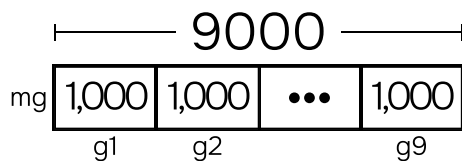


$$\underline{54} \times \underline{16} = \underline{864}$$

4-123 4.MD.1

26.

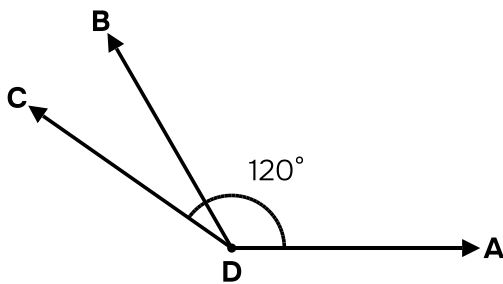
$$9 \text{ g} = \underline{9,000} \text{ mg}$$



$$\underline{9} \times \underline{1,000} = \underline{9,000}$$

4-123 4.MD.1

27.

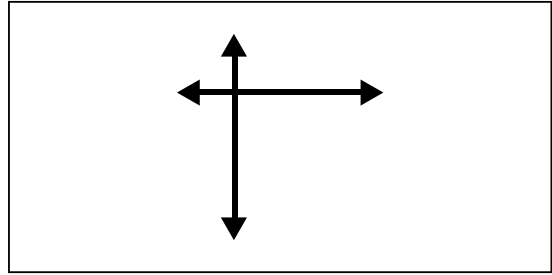


$\angle ADB$ measures: 120°

$\angle BDC$ measures: 25°

$\angle ADC$ measures: 145°

28.



Attributes:

Categories:

lines intersect

intersecting

lines form right angles

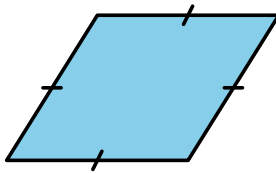
perpendicular

lines do not intersect

parallel

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

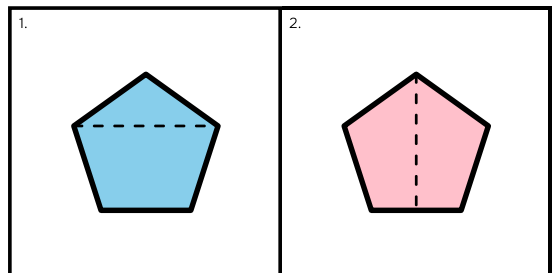
RHOMBUS
4 equal sides

RECTANGLE
4 right angles

SQUARE
4 equal sides + 4 right angles

4-132 4.G.2

30.



Which shows a line of symmetry? 2

4-134 4.G.2

4-135 4.G.3